

Table 7
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>SEQUENCE:774:prostate_MPM2000-004P4Novel007_8Table3

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TTCAGGGGATCATTCATGAAAGTAATTTCTCACCTGACCAAAATGATCGCTTAACATTTA
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>SEQUENCE:779:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:799:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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>SEQUENCE:804:prostate_MPM2000-004P4Novel007_8Table3

CGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGC
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GGTGAGAAAGGAAGACTGGGACCCAAGGGGCCAACTAGTGACAATGACTGCTGTCATGA
AGGGTGACAAGGACAATACCTGCTGAGCTCAAACCACCCTTTGGACCCAGTGAAGCTCAG
ATGTTGCTTCCAGTGCAGGAGTAGTTAAGCTCAACTGTTTTACAATATCCAGTTATTTGG
CTTGGGTGTGATGGCTCACACCCACACTCCTAGCACTTTGGGAGGCCAAGGTGGGTGGAT
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>SEQUENCE:805:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTA

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CTACCTCTTCCATAGGTTGTGTCACCCAGTTCTGAGATCTTTCAAAGCACTGGAAGAGAA
CCGCCAAGTTCTCAGCTGTCAGTGCAAACCTGGTGTCACTGAGATATCCATTGTCCTAGCT
CATATAATGTCCAGGTCAGTGTCTTTCTGTTCTCTGAGCCCTGTTTTGACACTAGAATC
TTTGCCGTAGCTGCCTGCGGCTCCATCTGCCAAGGAGACGCCCCTAACCCCTCTAAGGTG
ACGTTTTCCAGCAGCACTGCCAGAGAACAGGGTGAAGGGCCCTGCATTCCAGGACCCACA
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>SEQUENCE:806:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGGCAGGTACTGGGATTATAGG
C

GTGAGCCACCGCGTCTGGCCTCTAACGAGATATTTCTAAAGGTTAGGCCTTCAGTCAAGA
ATTTTAAGGCTGGATCTTAGAGGTTATCTAACTAACCTCTCCATTTCATAGATAAGGAA
AGTGAGTCCCAGAAAAGCACTGGTTTGGACAAGTTCAGAAAGCTAAACAGTGAAGTGTGGA
TGTATGATTCTGTCTCTTAACCTCCTAATCCAAATGTCTTCTCACTAGATAAGGCTGTGCC
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>SEQUENCE:807:prostate_MPM2000-004P4Novel007_8Table3

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CGCAAAGCGCTGAGATTACAGACCTGAACCACTGTGCCTAACCTCCCTGAACTTCTCAAC
ATTCTGAGTTAGTCACTTTCCCTTTGGTTTAAGCCAGCTCGGGTTACTTGCAACCCTAGT
TATACAGCCACTTTTCTACAACACAAACAAACCACCTAGAATAAAATTCATTTTCCTCCT
TTTTTTTTTTTTTTTAAATGGAGGGTGGTGGAAATTCAGAGAGCAGAAATCTGTCCTGAC
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>SEQUENCE:808:prostate_MPM2000-004P4Novel007_8Table3

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CCATTGCCCCACTTCAAATATTCATGAGCCTCCACAATCCAAAATGCATTAAATGTGGGC
AGGTTGCCAATAACACACAATCTTCTAATGACAGGGAGCTTTCTCAGATCAAAGGAGCA
AGATGTTAAAGACTTCAAACCTAACTGTCTTTGTAAGAGACACCCAGAAAAGAAATGCCA
GATCCCACACCCTGTTTCAGTTATGAAACATCAATGAAATAGAGAAAATAATAAACATTC
ATTCATTCTCTTTGGAACCTCATTTTTTTGCAACAACCTTTGCTTCTTTCCTTTCTTACCA
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>SEQUENCE:809:prostate_MPM2000-004P4Novel007_8Table3

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AAATATTGTATATCCAAAATGTGAACAGGAAGATGAAACCAATTGATAAAGGTTCTTACT
TCACATTTTCCAAGTATAGTATTAATTCAAATTTCTGAGAAAAATCAAGAGACATATATC
ACATAAGGGCAATAAATACTACCATAGAATTTTCTGAGTATGGAAGTTCCTACATACTTAT
GGTTCTGTCTTCACTCTCTTTTTTGAACACGTTTGTGGTAGAAAAAATAATAACAAA
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>SEQUENCE:810:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGGCAGGTACTT
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GGCCACCGTGCCTGGCTCTACTTCTCACCTTAACCTAAATAACCATCCACCTGAGAAATAA
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>SEQUENCE:811:prostate_MPM2000-004P4Novel007_8Table3

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AATCCCTGTGAAACCTAGGGTTTTGAAAACAGTATGTTTCGGCAACAGCAAGTGGTTCAG
TGTGATTGGAGCCTTAAGGGGACAGTGGAAGATGAGGCTGAGCATTAGGGAGGTGCCAG
ATTGCCCCAAAGGCAGTGTTCTCAATACTAACTAATGTTCTTCCACCATAAATGAGCTC
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AAGTGCCATCTTCAGGTCTGCCTCAGCATTGTGTGATCAGTGCTCAAGTTTTGTATCATTT
CTATATTCAAAACATTCTTCTGTGCATCCTATTCTGTTTCCACTATCTACACACTACTTA
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>SEQUENCE:812:prostate_MPM2000-004P4Novel007_8Table3

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TATCCTGGGCTAGCAACAGAGAGGATGGGAATATTGCCCATAGACCTGAAGTGCAAAGA
GAAGGAGTGCTACCTCAAAAAGAGAGCTTTGTGGAGAAGGCTGCCTGATAGCAGCTGTAG
TCCCAGGTAGAGGGTGAGCCACCACGCCCGCGGTTATTACATAGTTTTAAAAGTGACTC
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>SEQUENCE:813:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:814:prostate_MPM2000-004P4Novel007_8Table3

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GCTGGGCAACAGCTGGGCAGGGGGGCACATCGCCTTAAAGCCTCATGCACCAAAGAGCCAA
ACCGTGAGGCTTTCTCAGAAAGCAAAATACAGCGCTCACACTGCAGGGGTGGCGGCGCAG
GTGTGGAACCCTGTCTTGATGCCTAACGTGGGGGTACAGCTATCCGAAGGCAGGCTCCA
GAGAGCACCTTGACCATTCTGCTTGTTTTCTCCCGTCTATGCCCCAGCCTGGCAGTCAC
TGGCCTCTGATTTAAAGAGTCGAGTTTGCGGGTGGTTTGCTAATTATGACCCAACGAGCA
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>SEQUENCE:815:prostate_MPM2000-004P4Novel007_8Table3

CGCGGTGGCGGCCGCCGTTTACAGGTACGCGGGTTAATAACAAAAGCTCTCGTGTTACTTT
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CAAGTGATAGCAAGTGGGTAATTCAATGGCAGGGGGCAACTGAAGCACTGACCTGTTACAA
GAGAGACGGAAGCTTCTACTTGAGCAGATACAAATACTGTCTATCCGTGGAGATTTGAAAG
AAGTCTTTCTATCACTGGGTAGTTTGAGAGCTCATTAGTCTTCTTTAGAATGGGTTTAAA
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>SEQUENCE:816:prostate_MPM2000-004P4Novel007_8Table3

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GGTCAAATTGCTTGAGTTAAATGCATAGAAGATGCAACTATTTTCAACCTCACTTTAAAC
AATGTGGTAAGTGTTAAGACAGAATAAAAGATAAACCAAAATATTGTAGAAGATGATTCT
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>SEQUENCE:817:prostate_MPM2000-004P4Novel007_8Table3

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AAACTGAATTTTTCTTTTGCACTATTTATTTTAAATGAGGAAGTAAATTCTCAAAAT
GATACAGTTGCTGCTGCAAAGTATGAATAATAAGACTGAGGGAGGTAAAGAGAGAAAGGAC
TAGTGCAAGCCCTAACAAAAGCCCTGTACCAGATGGAAAATGTTTTTGGTGATCTGGCTG
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TGAGGAT

>SEQUENCE:818:prostate_MPM2000-004P4Novel007_8Table3

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CTCAGACTCCTTCCAGAACTACTTTTCTCTGTTTTCTTTTAAATGATGACAGTTTATGCA
ATTGTGTCTTCAAACCTTATAACGACCCAGACAATAGTAATAACAGTCAACATTTACTGAA
TTCTTACTTGTGTTAAGTGCTGTTATATATGATATTTTAAATCTTTGTAAAATCTTATAAG
GTAAGTGCTGTCAATTATCCCACATTACAGAGAAGTTAGAGTCTGAGCCTGGTCTTAGAA
CTAGCAAGTAGCANAAACAAGTTCCATACCCAAATACTGAGCACAGTCTGTCCCTTAGCC
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>SEQUENCE:819:prostate_MPM2000-004P4Novel007_8Table3

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TTAGTAAGCCTGTAAACAAGTAAATAAACATGGCTTCTTTAAAGACGTAACATTTCAACT
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>SEQUENCE:820:prostate_MPM2000-004P4Novel007_8Table3

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AAACAGAAACAGAGCTTCCAGCAGGTGGGGGGGCATTTGGAAGAAAACGATGCCATAGAAG
CCAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAAGA
AAGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGAT
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>SEQUENCE:821:prostate_MPM2000-004P4Novel007_8Table3

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ACTCCTGGCCCCAAGCAATCCTCCTGTCTCTACCTCCCGACAAGAAAACATTTTAAAATT
CACATTATATTCTCTAGCTTTGTGCTGAACCTCTGAAATATAAGATGAAACAGAACTGG
CCCTGCCTTGAAGGAATTTACAGTAGTGTGGGGTGGGAAGCATGTTTATGTAGAGATATA
AAGAGATATAAAGAATTAAGTGCCAATTGGAAGTGAAGTTTTTCTTCGGAGTAATTAATT
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ACTCTTGAATCAGGATTTTATAGTAG

>SEQUENCE:822:prostate_MPM2000-004P4Novel007_8Table3

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GGAACCTAAGTAACCCTCATAAGAATGACGTAGTGTATGGACACTGTTTGGCCAGAGTGG
GCAGTGAAAAAATTGTGGCCATTCTGGAATAATCTTATAGTCTCTATGGTGGGGAGATCT
GAAAGCCGTTTTCTTTCCCTTCCCATTTTGTGTATGTATCTGCCTCCACTGATCTGCAC
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>SEQUENCE:823:prostate_MPM2000-004P4Novel007_8Table3

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TTCAGCCATCTTGCCAGCAGGTATTTCTTTATAGCAACACAAGAACAGCCTAATAACAATT
TCCAGTATCAACGGGCTGTTACAAGTTCCCCCTACCCCTTCCCAGTGGGATGGAGACAGT
GGAGTGTCTAACTTTCAACATCGTCCAGAAGTAAAGAGGGCCACTCGCTCCCTCTTCCCT
CTGGTGTCAATGGAGAGCCATGTGGTAGAACAGTGAATGAGGACAACCTCCTTATTCTTTT
CCAACCTAGG

>SEQUENCE:824:prostate_MPM2000-004P4Novel007_8Table3

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ATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACACATTGTTTTGTTTCTTATATCCAGAGT
CTAGTCCTCAACTCTAACCAGGTAAGTTTCTGATGGTATATCAGTTAGAAATAATATTTAGCT
TAATAGAAAGTTGTCCAGGTAAGTTTCTGATGGTATATCAGTTAGAAATAATATTTAGCT
ATTTGTAATAAAAAGCTGAAAACAGTAGCTTGAATCAATGGAAGACTTTATCTTTCTCCT
AATACAGCTGACAATAATGTTGTTGCCTTTATGATATCAAAGCCCCCAGGTTCTTTTAT
CTTTCTGCTTAACCTGCCTTGGCAAATGCTTGCTGCTTCATAGTCACATGATGGCTGACT
TACTGTAACCTTCAGGTAGAAAGAAAGGAAGAGGTAAAGAGATAAAGGTACCTGCCCGGG
CGGCCGCTCGAAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTC
GGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGGTATCCGCT
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>SEQUENCE:825:prostate_MPM2000-004P4Novel007_8Table3

TCACTATAGGCATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAGGTGGCTCAGACA
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GAC

>SEQUENCE:826:prostate_MPM2000-004P4Novel007_8Table3

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TTTGTATACCCCTAGAGAGGTTCCCCCCCCATGGAATTCTATATTGTCTAACTGTTTTCTG
ATGACATAAAATTTCTCCTGAGTCTTTGGAAATCAATTGAAAGGAAGGAAAGAATTGCAA
TGGCCATTGAGTTTCTCTCACCATTGATTGGGTGGTCTGACCACTTTACCATTTTT
TATGTTGATTCTGATCAGAGGAAGATGGCTGAGGATTAGTAAACAGAAACCTGGATAACT
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>SEQUENCE:827:prostate_MPM2000-004P4Novel007_8Table3

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GGTTAAATTGCAATGCAAGAGGAAAACAATAAAATACTTTTAGAGGCTATTTATGTTTTG
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>SEQUENCE:828:prostate_MPM2000-004P4Novel007_8Table3

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TTACTGTATGGCTCCTAATGACTTCTAGTTATTCTTTTGTTCCTTCCATTAACCTTAA
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ATATATATAAGATGTTTATATGTTTCTAATTTTAAAATAATTGTTAAATGTTATGTAGAT
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>SEQUENCE:829:prostate_MPM2000-004P4Novel007_8Table3

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TGAAAGAAGCCTAGGATGGCTGGGACATGTAGATCATAGTGCTAAGAGATGGAAAGCACC
TTGTGCTATTTGGCCGTTTCAGTTGTGATGTTTTTAAAGTAGAGTGTTGTGATCAGAAGG
GCCCTTTAGAAAGATTGTGGCTAGAATATGGAGAACAAGAGGAGACCACCAGAGTGGAT
GTGGGAGGCCAATATGTAGGTTATTCTAGTAGCTTTGCAGTGACTTACACAAAGGCAGTT
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>SEQUENCE:830:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA
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CTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAACCAGAGCAAC
TGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAAACTCTTGAAACTGT
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>SEQUENCE:831:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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GCGAATTGGGCCCTGTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA
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AACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATATTG
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AGGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAATAATCTGAATCAGAG
GACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGGCC
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>SEQUENCE:832:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTC
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TAGTTGGAGCACAGTTCTCAAAGCCCATCAACACTTTGGAATGGATTTGTTGTTTTATTT
ATGCCATCAAGGGAGAGTTGATATTTGTGTATTGCTAAAACTACTAAAGTATGTCGATG
CTTAGGTAGGAACATACAAACCATATATCCTCTGGGATCTGCCCAGGTTTCTGTATAAGG
CTTGACCTACGTAAGATCCTATGATGAAGACCAGAAAACCTTTTTTAAAAGTAGGTAAAT
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>SEQUENCE:833:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACCCAAGTGACAT
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CAGGAATCTCTTGCAGCATTAAAGAAACCAGAGAGACAACCTATATGTTTAACTTCTACCTT
CTGTCCCCTGAGAAGTCACTACTCATCTTGCTTCCCTCAGGATGAACTTTCTGTTTCTAT
GTTTAAAAGTCTGCAAAATAGATTTAAAAAACAACAAAAAAGCAGACTCAGTATGAGA
TCAAACCTTACGAATCATTGTCAAGGTCATTTTTTACCTCTTCTATACCTAGACTACTGG
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>SEQUENCE:834:prostate_MPM2000-004P4Novel007_8Table3

TAATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTTCAAGATAG
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TGTTGAGGCTTGCTTTTGGCCGCTGCATCTGGAAGCTTAGAGGCAATATTCCTGGGTGGG
AGTAACATCCGAGTTGGATTTGATGTGATTAACTCAAAGGGGGAGGAGGCTGATCACGG
AAACAGATGTCAAGCAGAGCTGCACAGTCTCTTTCATTGCTTTCATCTGTGACTCCCTG
TCAAGAGCTGCTTCTCCAGTTCATTTTTGGCTACAGCTAATTTTTGTTCCAGATCAGTA
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>SEQUENCE:835:prostate_MPM2000-004P4Novel007_8Table3

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CAAAACATCAATAAACATAACAACTGGGTAAAGGGAGACCATTGAGAAGGACTAAGGACA
CCTTCAAAGTTCTGAGTGAGTTTAAAAAGAAGAATGATGAAAACCTTTGATAGAAATATGA
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AGATGACAGTGGTCATTGAGAAAAACAAATCCCCAAAGCAATTTTGAATAAGGGCCAA
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>SEQUENCE:836:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTTCTCTGCTGAATTAATAGAAT
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ATTATAATGTAATGAATAAAAATAATATAATAACAAATATATGCCCTCTAGGTTATAAAAC
ACTTGAAGGACAGGGCCCCAGTATGTTATTCATCAATGTATCCCTACTACTGCAAGCATC
ATAATAATGGCTTGCATACAGTGGTGGTCACTTATGAATTATAATTAAGTATTGCATTAA
AATGCTGAACGTGTATATCTAGCTCATCTCCACCTGAAAGTCACTGGGAATATATACATG
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>SEQUENCE:837:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACATTTGTTGGGGGC
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GAACCAAGCTGGGAATTCCAACATGTAGAAGTTAAACACAAGAGGAGGAGCCAGCAAAGG
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>SEQUENCE:839:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:840:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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>SEQUENCE:847:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:848:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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Table 7
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CACCATAACAAGTTCTATCACAGTTAATATAAATTGAGCACCCCAATCTAAAAATTCAA
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>SEQUENCE:864:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:866:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:869:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:870:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:874:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:878:prostate_MPM2000-004P4Novel007_8Table3

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AGAGAAGAAATATGGACAGACTGAGAAAATGATTTTTAAATGACAAAATAGGCTGGGCA
GAGTAGCTCACACCTGTAATCCCAACACTTTGGGAGGCTGAGGCAGGCAGATTGCTTAAG
CTGAGAAGTTTGTGACTAGCCTGGGCAGCATAGCGAGATCCCATCTCTACAAAAAAACC
ACAAAATTAGCTGGGCATGGTAGTGCATGCCTGTAGTCCCAGCTACTCTGGAGGGCTAAG
GTGAGAGGATCGCTTGAGCCTGGAAGGTCAAGGCTGCAGTGAAGTGTGATCGTGCAACTG
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>SEQUENCE:879:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAACCCAGAATATGTCCC
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AGAGAAGCAGGGAGAGAAGCAATTGTTGCATTCCTTTGCTTCTGCTGGGCGCTCTGTGAT
GCTATATATAAAATAAGGTAAGTGTGCAGTTGAGTGGGTAGGGAGAAAAGTGAGGCATCT
TAAGGCCTGGTGGAGGGTGACTGATTTCACTCTGTCTTTGTTATGTATCTGAGAAGCAGG
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>SEQUENCE:880:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT
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CAGCTCACTGCAACTTCCGTCTCCTGGGTTCAAGAATTTTCCTGCCTCAGCCTCCCAAGT
ACATGGGACTACAGGCACGCCCCACCATGCCAGCTCATTTTTGTATTTTAGTAAAGAC
AGGGTTTCACCATGTTGGCCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCCCTCT
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>SEQUENCE:881:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGACTTTATA
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TTCAGCAAGAGGGGGAAATACTCATCATTTTTGGCCAGCAGTTGTTTGATCACCAAACAT
CATGCCAGAACTCAGCAAACCTTCTTAGCTCTTGAGAAGTCAAAGTCCGGGGGAATTT
ATTCCTGGCAATTTTAATTGGACCCCTTATGTGAGAGCAGCGGCTACCCAGCTGGGGTGG
TGGAGCGAACCCGTCACTAGTGGACATGCAGTGGCAGAGCTCCTGGTAATCACCCTACA
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>SEQUENCE:882:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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TACGACTCACTATAGGGCGAATNGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTA
C

ACTCTAAAAGCCAAAAACAGCATGAGCTGAGGCAATACAGAGCATAAGCTGGTATCACCA
ATGCATCCTGGAAATAAACCTGTGCTACCTACTATCTTGGGAATTTCACTGAGAGTATA
GCACATTCTAAATGAAAAAAGAAACGAAAAGGAATGGTTATAAATTGTTTAAATGTGTA
AACAAACACAATAGATGTAAGTTACAAAAATGTTTCAGAGTAACAGAATGCACTGATAACA
TTTAAATTAAATATAAAGAAAAGCAGATCTACTTCCAACAAATACATGGATACATCTTTG
TTTCATACAGCAGATGCAGAAATGTAGCTTCTATTTTAAAAAGTCTGAATGTCCATAAAC
TGTTCCCAAGATTTGTCTTTAACTTATATATTAAGGAAAATTTCTTCTCTTGCATATTC
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>SEQUENCE:883:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACATTTGTTGGGGGC
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GAACCAAGCTGGGAATTCCAACATGTAGAAGTTAAACACAAGAGGAGGAGCCAGCAAAGG
AAACAGAAACAGAGCTTCCAGCAGGTGGGGGGGCATTTGGAAGAAAACGATGCCATAGAAG
CCAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAAGA
AAGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGAT
GAGGGGTTTCAATAGAATGGTGGGATTATACCTCCCTGGATTCACTGAGGTAAGGAA
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>SEQUENCE:884:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAAAGGAGCATATCATTTAAAAA
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TTTCAGGTTCTCATTCCACATTCAGTATTAGCCAGTATACCCAGACCTCCGTCTTCTAT
GTCTACAATCCTTATTTCTACATCTAACTGTAGAATTCTTGACCTGTTTTGTCAAGCTGC
CTACTGATAGTCTCTATCAGGATAATAACCTGTCTCAATCCCACACTGGAGACAAAATAA
ATTATCTTCTCTACTCCAAACCAATTCTTTTTTTGTGGTCCCAATCTCAATTTATCTTCTC
AATCACCCAAAAAAGAAGCCATGAGATTGCCTTGACCACAGCTCCTCCCTTACCAGTATA
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>SEQUENCE:885:prostate_MPM2000-004P4Novel007_8Table3

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ATGCCATCAAGGGAGAGTTGATATTTGTGTATTGCTAAAACTACTAAAGTATGTCGATG
CTTAGGTAGGAACATACAAACCATATATCCTCTGGGATCTGCCCAGGTTTCTGTATAAGG
CTTGACCTACGTAAGATCCTATGATGAAGACCAGAAAACCTTTTTTTTAAAGTAGGTAAT
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>SEQUENCE:886:prostate_MPM2000-004P4Novel007_8Table3

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TTTGGCAGAGAACCTGTATCAGCGGCAGCGGCGCATCAAAAAGAATGTCTACCTTACAA
GGTGAAAGAAATGGGGGGTCCAAAGATGGTTTTGGGTGGGAAATCTGGCACATTAGACAC
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>SEQUENCE:887:prostate_MPM2000-004P4Novel007_8Table3

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CAAAGTGCTAGGATTACAGGCATGAGCCACCACGCCTAGCCCTAGTTCAACCATTTTAAT
TCCTGTATAGTATTCCATTGTTTGAATATATTGCAAGTTTATTCATTCTCATTTAGTCTG
TTTCTAAATTTTGTACAAACAATTATGTAATTAATATTCTTATACACACCTCCTATTCA
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>SEQUENCE:888:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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>SEQUENCE:889:prostate_MPM2000-004P4Novel007_8Table3

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TACTGTGATGCAGGTATCATTATCCCCCTCTCCACTACCTTGTTTTATCCCAGAGGGAA
GTAAAGCTCAGAGAGGCTAAGACACTTTCTCCAGGTGACAGACTCTGGAAGGGGCAAGGT
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ATACGCTACCATGGGCACTATGTGGGGCAGTGCCACTAAGCTCTGCTGTGACCTCGAGGT
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>SEQUENCE:890:prostate_MPM2000-004P4Novel007_8Table3

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CTAGATTCTTAGTTTTCAATTTTGTCTTTCAAACCTTGATTTAATTTTATTTCTGCTT
TCATATGTATATAATTTGTCTGAAATGTTCTTTTTTCATAACCTTACTTATATTT
CATGGATGCAGTAGCTTACCTCTTTGTGATAATAGTTTTAATTGACAAATAAAAATTGTG
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>SEQUENCE:891:prostate_MPM2000-004P4Novel007_8Table3

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GCTTAAATGTAATAAGGTAACCTTGGAACTATGGCGAGCTCTCAGGTAGAAGCTAGAAC
TCTGTTTCACGTGACAGAAGCAGACAGATTGTTAAGAATCTGTTATGAGTGGAGTCCCAT
GCCAGGGCTTACCCTGGCCACCACTTACTAGCGGAAGCCTTGAGCAAATTCTGCAGCCGT
TGTGAGCGTCACAGAGTGGTGATTGTAAAGATTATATAACATTATCTATGGTCAGTGTCT
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CTGGGTGC

>SEQUENCE:892:prostate_MPM2000-004P4Novel007_8Table3

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CTTTCTCTGTGAGGGCTTTCTCTCAAAGCACTGTTCTGCGGTCCAACCCTACCACTGTC
ACTGTCAACTCATACAGGCATACACATACACAACGCATACACATGATCACTATTCAA
ATGACCATTTTCTTATTTATTGTTTATCATCTACCTCTCCCACCTCGCCACACCTTCCC
CCCAAGGCGAAGGTAGGCTTCGTGAAATCTTAACCTTGCTGTCTTATTCACTGCTGTAT
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>SEQUENCE:893:prostate_MPM2000-004P4Novel007_8Table3

ATAGGGCGAATAGCAGCTCCACCGCGGTGGCGGCCGAGGTACTGTGAGGCACTCTTTCCC
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GAGGACCCTGAGATTTCAACAAGGTTCAAGTAACTCACACATCGACACTTCCAGGGAGCTG
TGTTGCCAGGAAGTGGCCAGGTCTTTCCCTCCTGGGCCCATCTTGTCCTTAATCTCTGC
TGACATTGATGGGTTTAGTTACCTTGTCGTGTTTCTTCAGTGTTTTATGCCATACAGTCT
CCCTTGAGTAGATGTTCTGTATAGGGGATATCACAGCTTCCTGGTGAGAACTGGGTAAAG

Table 7
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TCCAGCAGGATGCCCGGGCTTAGTGGCACTGGAGTTGTGGGTGGCCTTGAGCCCCAAGCA
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>SEQUENCE:894:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:895:prostate_MPM2000-004P4Novel007_8Table3

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GAGTCATCCCCCTGTTTAAAATCATTGAGTGACCAGGTGCTGTGGCTCACACCTGTAACC
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>SEQUENCE:896:prostate_MPM2000-004P4Novel007_8Table3

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GTTTATTACCTAAAGGAGCTATTCTGAAATTTTATGTAGAAAAATCTTCTTCTGCTCCA
TCCACAGAAGATTTTTTATCCATAGATATTTTTGCCATCTCCTTTCTCCTCTTTCCTTTG
TTGTAGATGATATGAAAAGACTGCTTTTTTCAAAAATTGTGTTTTTAAATTGGTGAATGT
TGCCATGCCTAAAGTGATCTCTGAGATATCCTCCTTTTGGGTATAAACATTTCTGTAAA
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>SEQUENCE:897:prostate_MPM2000-004P4Novel007_8Table3

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ATCACCCANCTTACCAAATAATCCCTGAATGTCANCCACTCTTCTTTCTATTCATCATCC
TGGTGTTGTAAATGGAATACTACAATAAAGCTGCCATTAGCAGAGTATCCCTGTGATCT
ATCCTTACCAACCATGTTGATCTAAAGTTGGAGGTCACTGTGATTAGAAAACCTCAAGACA
CCACCCCCTGCCCCACCAGGGTTGAAAGGGACTGAAAAGTAGATTTTTAACTGATGCAAA
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>SEQUENCE:898:prostate_MPM2000-004P4Novel007_8Table3

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ACTTACTGGATCTAAATAAATTATTCCTGGAAAAAAAAGTTTGCTGTGTAATAAAGCAC
CTAAACAGGAATGAAAAGCAGGTATAGAACTTCAGGTGTTTTGTCACCCTCCCTCCCC
AGTGGTGTGTGTAGGAAAACCTTGCTTCTTTCTGTAAATCTGATGTCTAATCTCTTCTGA
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CAGTCAAGTAGGATAGAGAAAACATGAAGATACACAATAAATAAATGCTATATATAAA
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>SEQUENCE:899:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACATGAGATGGGAGCTCGA
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GCATCTGGTTTACAGAACTAAGTCAAGGAGAAGAACTCTCAAGCAATGGTGACATCTGCC
AGCTCTGCAAAGTGGGCCCTGCCTTGTCACACAAGTCTCCTTGGGCAAATGTTTTCTATG

Table 7
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TAGATTTTAGACACTTTCCTGTGACTTTCTCAAGGTCTTTTGGTGACACATGCAGCTTGA
AGCTTTTGCAAGGGGCTGGAGTCTAATCTCTTCTTGCCCAGCTTGGCTGCAGGAGAAGAA
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>SEQUENCE:900:prostate_MPM2000-004P4Novel007_8Table3

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GAACACATTAAAAAATTTGAAAAATTTAAAAAAGTCATTCCAGCTATATGCAAATAACT
TTAGTATATGCATCTGAAAAGCTACCAAACGTAACAATGAAACTCTAAACTTGTAGTAG
AAAGGTAAATGCACTGTGATCAGCTTTCACATCACTTCAGAGTATATTCTAAAACTTCTT
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>SEQUENCE:901:prostate_MPM2000-004P4Novel007_8Table3

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GGTGATCTGGGAAAAACAAATGCTCAGAGTTGTCTTCCCAAAACCCAGCTGAGCTCCCAA
CACACCTTCCAATCCCTCTCAGTTTCTTCAGCAATCATCATACCCTAATACCATGAAATT
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>SEQUENCE:902:prostate_MPM2000-004P4Novel007_8Table3

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CAAGATGTCATGAAGCTGGCCTGTGATGATATCCGGGTCAATGTCGTCTATGGCCTTATC
GTCATCATCTCCGCCATTGGTCTGGACTCACTTCTCATCTCCTTCTCATATCTGCTTATT
CTTAAGACTGTGTTGGGCTTGACACGTGAAGCCCAGGCCAAGGCATTTGGCACTTGCGTC
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>SEQUENCE:903:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:904:prostate_MPM2000-004P4Novel007_8Table3

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ACTTCCCTAAAAATCTTTGATGTTCTACCCACTCCTTCTCGTTCCCTCTCCTCACTCCT
CCCTCCCTCCATCTTAAGCCCATGGCAACCCCTGATCTTTTTACTGTCTCCATCGTTTTG
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>SEQUENCE:905:prostate_MPM2000-004P4Novel007_8Table3

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GCTAGATTGTGTCCACGGACTAGATTTCTAAAAGGCCATCTAAAATACATTTTAAATAC
TTATTCCTTTTACAGGTAATATCTTACGAAGTTTGATTATTTTGAATTGTCATAATATG
GACTTAATATGGGAGGAAGGTAGTTCCAAAATGACAGAAGTAATCGCTTCCACATCACTT
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TTAAGAGGTGCTCATAAATATTTGA

>SEQUENCE:906:prostate_MPM2000-004P4Novel007_8Table3

AGCGCGCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCG

Table 7
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GGCAGGTACTTTTCTCTTCTTGGCCAAATTCTCCTCTTATGGGTATGGAGATGACATGCT
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AGTAGTTTAAGCTTGTGAGATCCTTAAAGAATGACAGGCTTAGGACCATATCCCCTAGAC
TTAAGAGGATTCTCATTGACCATTTGTTGAGTGTCCATCACTGAATCACTTACCAAATAC
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>SEQUENCE:907:prostate_MPM2000-004P4Novel007_8Table3

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CAGCGTTAGCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGA
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TTGAAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGT
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>SEQUENCE:908:prostate_MPM2000-004P4Novel007_8Table3

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CCTGTTATTGCTACTGCTTTCAACCCAGAGGTAATGAGGAAAAGTCCAAGTTCCTTAACA
TAGACTTCATAGGCCTGCATGATTTAGGACTGGTTATCACCACCACCTCAGAGAAACTCC
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>SEQUENCE:909:prostate_MPM2000-004P4Novel007_8Table3

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CTCACCGCAATCTCTGCCTCCTGAGTTCAGCGAGGAGCAAGTGAGTAGCTGGGACAACA
GCCCTACCTGATGGACTGGACTTCTGCCTGGATTGGAGTTTGATCATGCCTCCATATGGG
TGTTTACCAGGCGTATGCATTGAACCTGAGTTTGTCCCTTCAATACAAGGAAAATCTCTG
CCGCTTAGTGATTTTCCAAGAAACATGAGCTTCTGCCTTCAATGAGGAAGATACTCAGA
AGTCATGTTGAGCACTCCGGAAAATGTCCTTGGAGTTTCAACATTTCTTTGGTCTTCCA
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>SEQUENCE:910:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:911:prostate_MPM2000-004P4Novel007_8Table3

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ACTGTGGATGTATGATTCTGTCTCTTAACTCCTAATCCAAATGTCTTCTCACTAGATAAG
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>SEQUENCE:913:prostate_MPM2000-004P4Novel007_8Table3
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GTTCTAAGTCATTGTGTGCTGAGTAAAGTGGTTAACTAGTGATTTGAAAGAATACAGGAG
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>SEQUENCE:919:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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TGCTTCACATCACATTGCTCGTCTTAATTGTTTTCAAACAAACAAGTCCAGACGCCTGCT
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>SEQUENCE:920:prostate_MPM2000-004P4Novel007_8Table3

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TCCTTAAGAAGGAAAATTTGAGCAAGTATTTTAATTGGTTTGGAACATTTGCATTAAACA
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>SEQUENCE:921:prostate_MPM2000-004P4Novel007_8Table3

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TGGCATCTTCAACTTGTCACCTTTAGCAAGAGGCCTCTTCAACAGTTCTTGGACTGTGTT
TGGCAGCCAGGCACTCTCAGAACGGCAAGGAGACACAGCTAACATGATCTTTGCAATGCA
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>SEQUENCE:922:prostate_MPM2000-004P4Novel007_8Table3

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CGTGCCCAGCCCCACCTCAATTTTATAATATAATTTTCTACACAGAGAACACAGAAAATA
GTTGTCTTTTGTTACAATAGAGAATCAACGTTTTTTTTTTTACTACTTATAGTTTAGAAC
TAAAGTTTCAGCTTCACAACCTATTGGTGATGCTATGTAAATGTCTCAAATTACTGAATTT
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GAAAATGTCAAGCAAATATGTTTCTATTGTAGGTTCTGGGAAATATCTTGCTGTAGCATC
CCATGACAGCTTTATAGATATATACAATGTAATGAGTAGTAACGAGTAGGAATATGCAA
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>SEQUENCE:924:prostate_MPM2000-004P4Novel007_8Table3

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CAGGCTCAGACTCTAACTTCTCTGTAATGTGGGAATAATGATAGCACTTACCTTATAAGA
TTTTACAAAGATTAAAATATCATATATAACAGCACTTAACACAAGTAAGAATTCAGTAAA
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>SEQUENCE:925:prostate_MPM2000-004P4Novel007_8Table3

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TGCATTGTAAACTGTTGTCTACTTTGTCTTCTTGAAATCCTACACCTCCCCCAGCCCCCA

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CATTTGGCCTATGGAACATTACTTTATCCTGATTTTCCCCCTAACCTTCTGGCAATGCCT
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TTCTTACTTGTGTTAAGTGCTGTTATATATGATATTTTAATCTTTGTAAAATCTTATAAG
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CTAGCAAGTAGCANAAACAAGTTCCATACCCAAATACTGAGCACAGTCTGTCCCTTAGCC
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>SEQUENCE:926:prostate_MPM2000-004P4Novel007_8Table3

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AGTTATCTCTACCGAAGGTGGATGTGTAGTTTCTGGTTTTAAATCAAGCAAACCTGGAA
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>SEQUENCE:927:prostate_MPM2000-004P4Novel007_8Table3

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CCCTTACTTTACTTAGAAATTNTACTTTTTTTTTTTTTTTTTTTTTTTTGGAGACGGAGTCT
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>SEQUENCE:928:prostate_MPM2000-004P4Novel007_8Table3

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AGAATTCACAAGAAAAGTATGGTCAAAGAGCTAGGAGGTGTTGAAGGAAAGATTACCTG
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>SEQUENCE:929:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:930:prostate_MPM2000-004P4Novel007_8Table3

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GCCATTGAGTGTTTTAATAGAATTTAGCCAGTTGTTTTTAAATATATTTCTATGAGCCAA
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>SEQUENCE:931:prostate_MPM2000-004P4Novel007_8Table3

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TTTGGCCCTGCCCGTGAAGGCTTGAGCTGAAATGGCACTCAGCCTCCTAAAGAATTGGC
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CCAGGAAATCAGTGTGTCATGGCCAAACCCAATCAGTTGCACATCTCAGGGATGAGATGACA
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>SEQUENCE:932:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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TATCTGATTCTTAAATTACTCCTTTTTTTTGCAAAAAAGGAAAAAAATTATTTTCCATC
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>SEQUENCE:933:prostate_MPM2000-004P4Novel007_8Table3

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ATAAGGCAAAAAAAAAAAAAAAAAAATTTCCGATACTGTAACCTTAACTGTTTGAGTATA
TAGAAATGAGTATGTTTTATGAGTTAACAATGAATCATAGAAGGCAATTTATGAAGAACT
AGAATGATTCTGTCTAGCTGCCTTCAGGGATCAGAAATTCAAATTAACCTTCTGGCAGAC
ATTTAAAGAATGCTAGCATACAAAACCTGAATTTAAAAAAACGCACACAGTTAACACTCCT
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>SEQUENCE:934:prostate_MPM2000-004P4Novel007_8Table3

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GTGAGTTATTATATGTAACATCCAGCTTACAGGAATGATAGGAAGAGAGGAACTAGTGAA
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>SEQUENCE:935:prostate_MPM2000-004P4Novel007_8Table3

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CAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAA
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>SEQUENCE:936:prostate_MPM2000-004P4Novel007_8Table3

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GATTTGACTTATATCAACCTAATTCCTACTGGCTCATTGAACTCAGCTCAGCTGTCCCCT
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>SEQUENCE:937:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:938:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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ATCCACCCGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACTGCACCCGGC
CTTCAGTGAAAATCTTTTACATGTCCAATAATGTGTTAAATGTGGGATACAATTGTGAGC
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>SEQUENCE:939:prostate_MPM2000-004P4Novel007_8Table3

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TTTGCTTAGGATAGTATTATTTCTTATAGTGAAAGCATTCTATGTTATTTATTATTAGTC
TAATTTTGTAGTTTTACAATGCTATCCTCTTTTACAAAGCTATGATCAACTCAGTGTGTC
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>SEQUENCE:940:prostate_MPM2000-004P4Novel007_8Table3

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TTTCCCCCTAACCTTCTGGCAATGCCTCTCAGACTCCTTCCAGAACTACTTTTCTCTGTT
TTCCTTTTAATGATGACAGTTTATGCAATTGTGTCTTCAAACCTTATAACGACCCACACAA
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>SEQUENCE:941:prostate_MPM2000-004P4Novel007_8Table3

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TAGACATGACTGAACTTTCTAGTCTACACGACTCAAAGGATAATTCATTAATCTAAGCCA
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CAAAGCCATGAGGCCGTATCTGCTGGAGCTTCCAGGGGAAGACTTCCTTGCTTTAGAAGG
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ATTACAGTAGCCATATTGGGACCATGAGGCGAACTGGCGTGAGGATAAACATGGAAGATG
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>SEQUENCE:942:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:943:prostate_MPM2000-004P4Novel007_8Table3

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CAAAAGAAACATACAAACAAAACCTCAGCAGCCTTTTCACTATGAACAAGAAAGAAAGAA
AGAAAGAAAGAAAGAAAGAAAGGGGACATGCATTCTTTCTTATTTACCCAGCTCAGATTT
CAAATTCAGCATGGGTATTTAGCATCTGTAGAGGATATGTATAATCAGGAGTAAATGGT
TCATCTCTCAGGCTTTGCTGATCAT

>SEQUENCE:944:prostate_MPM2000-004P4Novel007_8Table3

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CTAACCTGTCTTCTTGACTTCTTTCTAGCCCCTGCCCCATTGCCATTGGTTTATAGGTC
AAATTGCTTGAGTTAAATGCATAGAAGATGCAACTATTTTCAACCTCACTTTAAACAATG

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TGGTAAGTGTTAAGACAGAATAAAAGATAAACCAAAATATTGTAGAAGATGATTCTAATG
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>SEQUENCE:945:prostate_MPM2000-004P4Novel007_8Table3

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TTACTTGCCTCTATTACTGCATTGTAACTGTTGTCTACTTTGTCTTCTTGAAATCCTAC
ACCTCCCCCAGCCCCCACATTTGGCCTATGGAACATTACTTTATCCTGATTTTCCCCCTA
ACCTTCTGGCAATGCCTCTCAGACTCCTTCCAGAACTACTTTTCTCTGTTTTCTTTTAA
TGATGACAGTTTATGCAATTGTGTCTTCAAACCTTATAACGACCCAGACAATAGTAATAAC
AGTCAACATTTACTGAATTCTTACTTGTGTTAAGTGCTGTTATATATGATATTTTAATC

>SEQUENCE:946:prostate_MPM2000-004P4Novel007_8Table3

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TTGTGGATATTTATTTGAACGGGATTACAGATTTGAAATGAAGTCACAAAGTGAGCATT
CCAATGAGAGGAAAACAGACGAGAAGATCTTGATGGCTTCACAAGACATGCAACAAACAA
AATGGAATACTGTGATGACATGAGGCAGCCAAGCTGGGGAGGAGATAACACGGGGCAGA
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TCTAACCCCTCAAAACAAAACCTGTTGTAATATCTGATCTCTACGGTTC

>SEQUENCE:947:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCTGAACAAATCCCATC
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GGGCCAGGTTCCCTTGGATATTGTGGGGTCCCCACACTTCTGGATGATGTTGGATAACTC
TTTGAGACTTAGGCTTCACATCTGTAAAATGGAAATACTTATTTTTCAGAGTTGTCATAA
ACACTAAATGATTTGACTTATATCAACCTAATTCCTACTGGCTCATTGAACTCAGCTCAG
CTGTCCCTCTGTTTCGGATGCCTTCCCCAGTGGGGCTTAGTTAGGTATCCCTGCTGGATA
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AATT

>SEQUENCE:948:prostate_MPM2000-004P4Novel007_8Table3

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CTTAACCTTTCAAATGGTATTTACTTAGAGAAAAGGAATTTGTTTACTTTCAACAGATAC
TACATCTCAATTGTCTTGACCTTCCTCAACACATTAATTGTAAAGTGATTAATGAAGTTT
GAATGGAGGCTCTGCTTACACCAAAAGACAACCTATACACCTCTGCAATGTTTTAATTAAC
AGCTAACACTTCAAATTAGTTTGTGTTGTTGCCACAGTAATTACCTGATTCAATGACTGCAT
GGAGGAAGCATTTTTATGAGATATTTTATGTGCTTGGTCTTGAGTGTTCATTTTGT
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>SEQUENCE:949:prostate_MPM2000-004P4Novel007_8Table3

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CCTGCCAAGTGGAGAGTATGTCTTTTCATGCTCTGCTGCCTGGAATTGGAAAAGAGGTGA
TTTGGATAATGTAAAACGTCTCTTCTATCCTCTTCAACGTATCTTTTATTATTATTGTG
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>SEQUENCE:950:prostate_MPM2000-004P4Novel007_8Table3

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GATGGTAGTTGGGGAAAGACAGATGGGGAGAAAGGTTGGCTGGTTGTTAATAAAACAGTA
GAGGATGAGCATGTATTATAAATGCTGGTGGGAAGAAACCTTGTGGCAAGGAGGGTGGTA
GTGTTGGAGAAGAAAGAGAGGATATAGTAGAAAGTTAAAGAGGAACTGGAAGCAGGTGGG
ATCCAGGACATAGGAAGGGGAAGAGCCTTGGGCAGAGGTGAGACATCTGCAGGAGGGGAAG
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>SEQUENCE:951:prostate_MPM2000-004P4Novel007_8Table3

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GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTTTGGGGT
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>SEQUENCE:952:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAAAT
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AACTATCTCATAACTTTATGACTACAGGCCACCATTAAACAACCTTACATAA
ACTAACATGTGCTTTTAATGCTGACCTTAGTTTAAAAAGCCTGCCAGTATGGAATGACAT
TCAAATAAAATAAAACCAAATTTAAAAAGAACAGAAATGCAAACCTCAACAATATTCCCAT
CTTTTGAATCCTGACAATGTAGAAGTCAAATTCATAATCATCCTAAAAACCAAGGGAGTC
ATACGACCACTGTATGTCTCTTCAGTCTAGGAATAATGCA

>SEQUENCE:953:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTTAA
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>SEQUENCE:954:prostate_MPM2000-004P4Novel007_8Table3

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C

ACGCCACCAGGCCTGGCTAATTTTTTTTTTTTTTTTTTTTTTTTATTTTACTAGAGACAGGGTT
TCACCATGTCAGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGATCCACCCACCTTGGC
CTTCCACAGTGCAGGGATTATAGGCATGAGCCACCACACCCGGACTTTAATTTAATTCA
ATCCATTTTCTACTGTCAGGACCTTTACTCCTTTTATATACCTACCCTCCAGGCTTGGC
CTAAGGTTGGCTATTCACACGTGTTATAAAGTTAGAAAGCACATTTGATGATAGAAGTAG
CCCTGTCTGCAAGTTTTTATCGTATATGAGATTTTGTGTCTGCGGGCTCCCCATCAATTC
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>SEQUENCE:955:prostate_MPM2000-004P4Novel007_8Table3

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TTAACTGCCTAAGAGCACTAGCAAATCTTTGCAGCAGTTCAACATCTATTTAGAAATGCC
CTTTGGTCTCCCTGTTTCAGATACACATCATAGCAGGTGACTTTCACTTTCCCAGGACTC
AAAATGGAGACTGGGGAATCCTTGTGAGAATAAACATTAATGGAGGGCCGGGTGCGGTGG
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>SEQUENCE:956:prostate_MPM2000-004P4Novel007_8Table3

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CCACATTCAGGCATTGATTCAGGAACTCCCTTGGCCTTTTCAGTAAGAGAGAGCTCCCTT
ATGCCAGAACTGCTTTGAAATAGAATGTGGCAGAGCTGTAAAGTGGGTCCAATTCTACAA
GTCAGCACACTCTGTGGATTTTCCATTGTGAATAGTTCTCAGATCTATATCTTCAGACCC
TCCACCAATAGTATATTTTCAGCCCTTAGGTATCTCTCATCTATAGCATTGGAAAAAAGCC
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>SEQUENCE:957:prostate_MPM2000-004P4Novel007_8Table3

GCCGAGGTACTTTTTTTTTTTTTTTTTTTTTTTTGTGAATTGAATCTGACTACCATT
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TGCACATTATGTTTGTATATGAAATAGAGGCAGTGTTTAGAATGAACGTGGCTGTGCTAT
ACTTCTTGATTTTCAGTGTTACAACAAAGATTAGATTAAAGGAACAACAAACAGCATGTTA
CAAGAAGCATTCCAATTTTCCAGTAAGAACTGAGTCATGCAAGAGAGACCATACAGGTTT
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>SEQUENCE:958:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTTTCATGTGATAAACT
ATAAGATTGTATAATGTCGTCTTTCTTGTGGGTAACTTTAATAAGCTTTTTATGATATGT
GGATTGTTCTCAATTGGCTTATTACAGCCTGCAGCCATGGAATGTTCTGATGCTGACAT

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CACAGTGACAGGCACACTTGTAGTTGAGGTGTTTGTGGGATATGGATTTTTTTTTTTTT
AAGTAACAAAGGTGCACCAGCATTGAGCTGTCTGACAGAACGATGTCTTCATTACAAGCA
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AACTTTCTCTCTTATCAAAGTCCAAAACAAAGTAGTAAGTTAGGAATTTAACG

>SEQUENCE:959:prostate_MPM2000-004P4Novel007_8Table3

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ATATTA AAAAGAGTAAAATCATTTGAGGGAGGATTGCTAGAGGATACAGAGGGGCAGGGAT
TTAGCCTTCCAGGTGACCTCTGCTGGGGTCCCAAGGGGTGGGACAGGGTTTTTAGTCACT
AATTTAAAAGTATAAAAAGGTTTCCAATGCTTTATAAGTTAACAAACCCATATCCTGAGA
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>SEQUENCE:960:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTTCTGCTG
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GTTGTCCAAGAGCTGAGGACCTTACATTTATTGTTCCAATATTTATTGGCTATAATGATT
TCTGTGGAGCAGTCAGCTGTCAGAAAATTTTGTCTCCTTTGTAGGTAACTGTCAATTGGT
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CCTACGTGTA

>SEQUENCE:961:prostate_MPM2000-004P4Novel007_8Table3

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AGAATTGTTTGATGTGTGGAGAGATTGGGAATGAGAAACAGGTTTATATTTAACAGTTT
ATTCTTTAGCTCATCTCTCTCTGCTCACATCTTATAGGCAGTGAGCAGAACCCAGGTGTC
ACTTTAAGTGGCTGCCTGGAAATCTCTTTAGATAGATCATTGAGTTCATTAGGTGCATTT
CCGCTTCCCACTTTACTGTAGATGTCAGTGTTGCTAACTCTCTGTCACTGCACAACAGG
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>SEQUENCE:962:prostate_MPM2000-004P4Novel007_8Table3

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CAGCGTTAGCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGA
AATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAA
CCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAACTC
TTGAAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGT
AAAAGTAAGTCAAATCAATAGGTCTTTATTTTCATATCTGTAATGGTTTAGCTCTGCGGGA
AGTGTTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAACACATGANAT
GTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTCCAGATATGG
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>SEQUENCE:963:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:964:prostate_MPM2000-004P4Novel007_8Table3

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ACTTCTGGCCTCAAGCAATCCTCCCACGTTGGCCTCCCAAAGTGCTGAAATTTCAAGCCT
GGACCCACTATGCCTGGCCAAAAGCTTGTTTTTAATACAGCTCCATTTTAAAGTGGAAT
GATTATTTGTCCTATAAAAAGGGAGATAATCCTGTTTTATCTGATGAAAATGCAGAGAATC
TAAAATAATATTTGGAAATACGTTGTATAATCAAGATAAGATGGTAGAAAGGATGCTTAC
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>SEQUENCE:965:prostate_MPM2000-004P4Novel007_8Table3

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ACAATAACCGATGAGGAAAAGATGGCCTCCTGTGCCACCGTCTGTTATGATTTCTCTCC
ATTGCAGCAGAAAGCCGTTCTTCTAAGCAGACAGCAGGTGATGATGGCAAAATAGACCAC
ACTCATTTGATCTTTTGAACAATTGTCTTTGGGATCCATTGTGATGACATCTGTCTTTA
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>SEQUENCE:966:prostate_MPM2000-004P4Novel007_8Table3

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CTGTAGATCTGCCGGGATAGCCTGCTTGTGGGGAATGAATGACTTTTGGACAGATCGTG
TAATAATAATGTAAATAGTATGTTTGAACGGGCAGAATTCATGGGATAGTGTCCAATCAT
GACTTTGTTTTGCTTTTCAATTGTTCCCGTGAAATTTATTCTCTAGGAACCTTTAAATCT
GACTCCAGCACGGTTTGTGACTCTTCTTAGGAGAATAGAAAATCTTAACAATTGTCATAT
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>SEQUENCE:968:prostate_MPM2000-004P4Novel007_8Table3

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GATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTGTATTTTAGTAGAGATGGGGTT
TCACCATGTTGGCCAGGCTGATGTCAAACCTCCTGACCTCATGTGGTCCAACCCACCTTGGC
CTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTT
AAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAAATCCTATTTACTATTTTAA
GATAAGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAAGGCATT
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>SEQUENCE:969:prostate_MPM2000-004P4Novel007_8Table3

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ATCTCTTATGTCCTGTGAGTGTACCCATTGAGTAAACCCAAGTGGAAGTCAGCAGGAAA
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>SEQUENCE:970:prostate_MPM2000-004P4Novel007_8Table3

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CTGGGAGCACTGCTTTCCATCGCTCTGTGGCATGATTTCTAGTGGTGGCCTTCTCACCCC
CAGACACCCCAATGATGCAGGAGGTCCCTTCCCCTGGCTGCTCCTGGACCAGGCCACAGC
TCAGGCTGAAACCAGGCTGTCTCTGAAAATAGAGGACGTAGGCAGAGAGGTGGCTGGATT
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>SEQUENCE:971:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:972:prostate_MPM2000-004P4Novel007_8Table3

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GGGAAAATGAGGGAAAGGCCTTTGTGTGTGAGGTAGGGTAAAGTGGATGAATTTGAATCA
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GTATCTTACAGATATTGTATCAGAATAAATCTTCTGATACCAGAAAGGTGGGAAAATCTT
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CCGTGTTTGGATGAGGGGAAATACAAAATCACTCCTCTGGGAATGAGGCAGCAGAATGAA
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TTTCTGAATGC
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AGGTACAGGTTCTTTGAATGCAGTATTTATTCACATAGTTTTTCATTTTCTGTCCTGACAA
AAACTTGGTGATGTTTGAATGGTTACAGAACAAATAGGATTGTGGTTTATGTTTCTATT

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ATTATAAATGCTGGTGGGAAGAAACCTTGTGGCAAGGAGGGTGGTAGTGTTGGAGAAGAA
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>SEQUENCE:985:prostate_MPM2000-004P4Novel007_8Table3

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TTAAATGGAGTTTTGTAATTATTTGAGCTGCAACTAGAGTGACAATTCTCCATTTTTAGA
ATCTGTGCCTCTTGTCTGGCAGCACTTTTAGTTATTTCTTTCTATTGCTTTTTGTTCCA
CACTCAATAAGCTTTGGTTGGTGTGTGCTTTATCAGACCTTCATGTTTACTTGCCAAATG
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>SEQUENCE:986:prostate_MPM2000-004P4Novel007_8Table3

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CATGTTCTTTACATGGGAACACTGACACAAGTGGAATGGGAAGGTTCCATAGGGATGA
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>SEQUENCE:987:prostate_MPM2000-004P4Novel007_8Table3

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GATTTTGAACGCTACTAAAATTAAAGTAGTTCTTTGATGAATATGAATGAGTAGGGAAAG
GATTCTTTGTGATAGTGATACCTCTGTGGTAAGAGAAGGGTGGTATGTGAGTTTTAGTCT
ACAGATTATGGCAAATTCAGTGACAACAATCAAATGGTCTAAGATTGACAGTAGCACAGT
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>SEQUENCE:988:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC
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TCCACAGAAGATTTTTTATCCATAGATATTTTTGCCATCTCCTTTCTCCTCTTTCTTTG
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TGCCATGCCTAAAGTGATCTCTGAGATATCCTCCTTTTGGGTATAAACATTTCTGTTAAA
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>SEQUENCE:989:prostate_MPM2000-004P4Novel007_8Table3

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CGCAAAGCGCTGAGATTACAGACCTGAACCACTGTGCCTAACCTCCCTGAACCTTCTCAAC
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>SEQUENCE:990:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:991:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:992:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:993:prostate_MPM2000-004P4Novel007_8Table3
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CGCCTTGGCCTCCCAAAGTGTTGGAATTACAGGCATGAGCCACTGTGCCCAGCATACAGA
GGGTTTTGAGTGCCTTTCAGAAGGACAGGAAACCCTGGCCACTTAGGGGAAAATGGGGGA
GGGAGAAGGCTAGAGGCTCAACACATGACATTTGGTTCTTTCAAATTTAGGGATTTTTCC
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>SEQUENCE:994:prostate_MPM2000-004P4Novel007_8Table3
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GTTCACTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAG
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>SEQUENCE:995:prostate_MPM2000-004P4Novel007_8Table3
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AGTCAAGAATTTTAAAGCTGGATCTTAGAGGTTATCTAAACTAACCTCTCCATTTTCATAG
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ACTGTGGATGTATGATTCTGTCTCTTAACCTCCTAATCCAAATGTCTTCTCACTAGATAAG
GCTGTGCCTTCTACATTTGAAGGCTCAAACCCCATGGATGGATGGAGGGAAGGATGGGTG
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>SEQUENCE:996:prostate_MPM2000-004P4Novel007_8Table3
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CATCCCTTAATCATAGCTAGTTACCCAAATTGTAGCACATAACTTAGAAGTTTGAGATCT
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>SEQUENCE:997:prostate_MPM2000-004P4Novel007_8Table3
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AACCCCATTTTCTTAAAGAAAAGGCAAAGCTGTTCCAGCACATGTTTTAAATGATTCATA
TTATCTGACAATGGAAAGGGTAATTCTCTCCAGGATTTAGGGTATAATTCTCAGCCATC
TGAGAATTCTGTTTATCCCACCTTGTCTCCTTGCTCAGAGAATTACAATTAGATGGAAAC
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ATCA

>SEQUENCE:998:prostate_MPM2000-004P4Novel007_8Table3

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CCTCAGGCTCCCAACGTGCTGGGATTATAGGCATGAGCCACTGTACCCAGCCAAATTGCT
TCATTTTTTATTACTCCATACTTCCTACATAAGATACTTCCTACACCTGGCCAAATTGCT
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>SEQUENCE:999:prostate_MPM2000-004P4Novel007_8Table3

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CAGCGTTAGCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGA
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AGTGTTAGCAGCTATATGAATTAGGAAGAATTTAGAAGACAATCCCTAAACACATGANAT
GTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTCCAGATATGG
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>SEQUENCE:1000:prostate_MPM2000-004P4Novel007_8Table3

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AGATGCTGCTAGGCCAAAGTGCCCTCCACAGCTGCAGCTCTAGAGAAATCCGCGGTGGAT
GTTCTCCTCTAACAGTTTTCTGGTCCCTGTGACAGTGCCCACTGCTTCACTACTGCTCTC
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>SEQUENCE:1001:prostate_MPM2000-004P4Novel007_8Table3

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CTGAAAATACTGTGGGGACAACCAAAAGGGATTTGCAAGTTACCACTATCTCTCACCAGC
TGTAAGACCCTGGGCACATTGTTGATCCTAAGCCTCAGTTTCCTAATCTGTAAAAGGGTG
ATATTAATTGTTCTTGCTCACAGAACTGTTATGAGAATTAACAGAAATAGCATATTGAGA
CTATAGCAGAGTGTCTGGCATGAAACAGAGACTCAATAAATACAGGAACAATTTGGTTAT
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>SEQUENCE:1002:prostate_MPM2000-004P4Novel007_8Table3

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AGCGAGCCCACTAATTTGCCACAGAAGGGTGGAAGCAAATTCAAGGCTGAAATCTAGC
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GTTTCAATTTTAAAGCTTAAATTTACAGCAAACAGTGCAGGTATCTCAGTTCAATGCCTTG
GAACCTCCTCTAAAGATGATTCTACTAACACTCATTTTCAAGAGTGAGTGCAAAATAATTT
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>SEQUENCE:1003:prostate_MPM2000-004P4Novel007_8Table3

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TACATTATTTCTTCTCTTTGAAATGAGTAGAAGGAAAGGGAAGTAAATAATAAATATCAC
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>SEQUENCE:1004:prostate_MPM2000-004P4Novel007_8Table3

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TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAAAAAGCAG
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AAGCACTTTCAGATTCATCACCACAGGTGTGTGGCAGTGGTGTCTTTTTTTTTTTTTTTC
TAAATCCAATGATCAAGGAAACATTTACTTGTAATCTTCCGCCTCTTTCCACATCAC
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>SEQUENCE:1005:prostate_MPM2000-004P4Novel007_8Table3

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACACCAGTTTGAA
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GGGCTGGCATTATTCCGTGATGTGCATGTTAAGAGAGGGGAAAGCTCACATTTTTGAGGT
CCTCTTGTGGGTTCTATTTGGGTAGGAACTCACGCTTTGTTTATTCAGCAATCATTCT
CCAGAAATAACCTTAATAGCAACAAGAAAAAGAATAGGTGTTTTTTGAGCTCTATCTGC
CAGTTTCTCTATATATGAACATTATATATTGCAACATAACACTCACAATGCCTTTAAACA
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>SEQUENCE:1006:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1007:prostate_MPM2000-004P4Novel007_8Table3

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TGCCATTGAAGGCAACACTCTGATGCATGAACTGCTCCCGTGGTTGAAAGAGGAACAGGC
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>SEQUENCE:1008:prostate_MPM2000-004P4Novel007_8Table3

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TCTACTTTCTATGATTTTGACTIONTTAGACACTTCATATGAGTGGAATCATACAGTATT
TGTCCTTTTGTGACTTTTATTGTATACTTTTATTTCACTTAGCATAATGTCCTTGAGGTG
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>SEQUENCE:1009:prostate_MPM2000-004P4Novel007_8Table3

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TAGTTTTCCATTAGTCTTTAAGTTGAAGGCAAAGTAGAGGGTATACATATATGGTTTTGT
CCTCTGCAGTTATAAGCTTTATTAATAAGAAATATTGCCCTTGAGCTCTCTGGCCCAGGA
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>SEQUENCE:1011:prostate_MPM2000-004P4Novel007_8Table3

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TCCTTAAGAAGGAAAATTTGAGCAAGTATTTTAATTGGTTTGGAAACATTTGCATTAAACA
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>SEQUENCE:1012:prostate_MPM2000-004P4Novel007_8Table3

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GCTCTTCTTTTACACAATAAAGATGGGGAAAAAACATTTAAGCAAGTTTGACAGGAGAGT
GCCCTCTCCACCAACAAAAATTATTGAGGCTCAAAAGTTTCAGGGATTGTCAGAGACCATT
CAAATGGGAAAGGGCAAGTCTCTTCAACATGGTGGTGGAAAACTGGATATCCACATGCA
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>SEQUENCE:1013:prostate_MPM2000-004P4Novel007_8Table3

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GACAGGTTTATTTTAAAGAAAACAAACCCAAGAGTGGCTTCTGGCTGAGTTAGATCAGAG
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>SEQUENCE:1014:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1015:prostate_MPM2000-004P4Novel007_8Table3

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GTAACCACTTTGAAAGGCTAGTGTGAAGATTAACAATAATATGCACAACGCATGCCTGCT
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>SEQUENCE:1016:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1017:prostate_MPM2000-004P4Novel007_8Table3

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GAGGGGCTGTGCAGTAAGGCTGCCGCTTGAGCACAGGGACAGCCGTCACTGCAGTGCTGG
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>SEQUENCE:1018:prostate_MPM2000-004P4Novel007_8Table3

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ATCGCTTGAACCCAGGAAGCGGAGGTGGCAGTGAGCCGAGATCGCGCCATTGCACTCCAG
ACTGGGCCACCAGGAGTGAAACTCCATGAAAAAAAAACCAAAAAACAAAAAAAATGTGT
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ATTAGCTACCTTTGTATGGTTAGGTTAGCATGGAGCTGAAGATAAATGTCCCGTTTGAAA
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>SEQUENCE:1019:prostate_MPM2000-004P4Novel007_8Table3

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ACTGTGTTTGGCAGCCAGGCACTCTCAGAACGGCAAGGAGACACAGCTAACATGATCTTT
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>SEQUENCE:1020:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1021:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1024:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1025:prostate_MPM2000-004P4Novel007_8Table3
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CAGGCTCAGACTCTAACTTCTCTGTAATGTGGGAATAATGATAGCACTTACCTTATAAGA
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>SEQUENCE:1050:prostate_MPM2000-004P4Novel007_8Table3

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CTGCAGGANNTGCTCCACTGTTGTCTNNGCCGCTNCTGGCGNNTTTTGCTTGAGGGGN
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>SEQUENCE:1056:prostate_MPM2000-004P4Novel007_8Table3

CGCGGTGGCGGCCGCGGTCAGGTACGCGGGTTAATAACAAAAGCTCTCGTGTTACTTT
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CAAGTGATAGCAAGTGGGTAATTCAATGGCAGGGGCAACTGAAGCACTGACCTGTTACAA
GAGAGACGGAAGCTTCTACTTGAGCAGATACAAATACTGTCATCCGTGGAGATTTGAAAG

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AAGTCTTTCTATCACTGGGTAGTTTGAGAGCTCATTAGTCTTCTTTAGAATGGGTTTAAA
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>SEQUENCE:1057:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTGC
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GCCCAGGCTGGTCTCAAACCTCTGGCCTCAAACAATCCTCTACCTCAACCCCCCTAAGTG
CTGGCATTACAGGCATCAGCTGCCATGCCTGGCTACAAATCTTAATGTTTTCCCATGGC
TTCTTTTTCTGGCGTTCTTTTCTCAGGTAATGGAAGTGGGCAGAGAATGATCCTTTCCCT
AGGCTCCAGTGTGTAAGAATTAAAGAAAGAGGAAAGAAACACAATGGCTTGATGGTCGAG
GACAGGTTTATTTTAAAGAAAACAAACCCAAGAGTGGCTTCTGGCTGAGTTAGATCAGAG
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>SEQUENCE:1058:prostate_MPM2000-004P4Novel007_8Table3

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GAAATCCTACACCTCCCCCAGCCCCACATTTGGCCTATGGAACATTACTTTATCCTGAT
TTTCCCCCTAACCTTCTGGCAATGCCTCTCAGACTCCTTCCAGAACTACTTTTCTCTGTT
TTCCTTTTAATGATGACAGTTTATGCAATTGTGTCTTCAAACCTTATAACGACCCACACAA
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>SEQUENCE:1059:prostate_MPM2000-004P4Novel007_8Table3

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TCAATAAAACATCACCAAATTCCCTTAGGCAGAAAAAGGGTGGGGAGTGCCCTTTCTTGA
AGGAATCCCTTAAGTGCACGTCTCCCGTTTTCTTTTACATCAATGCAGAGTCCCTCTGT
GAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAATTGAGCAAGTAT
TTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTAT
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>SEQUENCE:1060:prostate_MPM2000-004P4Novel007_8Table3

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GAGGATCACTTGAGCCCAGGAGTTCGAGACCAGCCTGGGCAACATATAGAGACCATGTCT
CTACAAAAAACACAAAAAGTAGCCAGATGTGATGGAGGCTGAGATGGGAGGATCATTTGA
GCCTGGAAGTCAAGGCTGCAATAAATTATGATCATGTCACTGCACTCCAGCCTGGATGAC
AGAGCAAAGCTCTATCCCAAAAACTCTCAAGACAACCACAAACATCTCACACCATCTAT
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>SEQUENCE:1061:prostate_MPM2000-004P4Novel007_8Table3

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AGCATCTACAACCTGTGACATACCATCCAAACACCAATCCCAAAAATGTGCTATCCCAAG
GATATAAGACACGGTCCTTGCAAACCTAGGTAAAGAGACAGGACTTAAACAATGATGTAGG
CCGGACACTGTGGCTCACACCTATAATCCTACCACTTTTGGAGACTGAGGCAGGAGGATC
ACTTGAGGCCAGGAATTTGAGACCAGCCTGGGCAACACAGTGAGACGCCAGCTGTATTAA
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>SEQUENCE:1062:prostate_MPM2000-004P4Novel007_8Table3

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CATCTCCAGTTCATTTCTGGGGAGGGTCAGGAGGTGGGGGGTGCTTGGCTCTACTCCCTT
CATATGATTTTCCCTTCTTTATCTCCAGGATCTTCCCCATTTACGGAGAGACATGGATG
AGAATGAAGGCTGCTGAGTGGGACGGGCTTATGGGGCCAGTTTTGAAGAGGCCTCATACC

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TTTTGGCCACATTCCATTGGCCAGAACTTTGTCATATGACTGCCCCTAACTTCAAGGAAG
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>SEQUENCE:1063:prostate_MPM2000-004P4Novel007_8Table3
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TTCTCCAGCATTATTTAGTAGCTCCAGAAGGAGAATGGATAAAGTAGGCATTGAAATAGG
CTTAAACTTTGGTTCTGCTGGTGGATTCAAGAAAAGGGAAAAAATTGGAAGAGTTGAGAGA
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GGGGGTGTGGATAAAAACAAAGGGAGCAAAAAATTGTAGATCCTGATGAGGTTGAGGAAT
AGTGGTTGTAAAACTAGAAGGATAAGAGTTTGTGATCCAAAAGCAGGTTGTAAATATTT
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>SEQUENCE:1064:prostate_MPM2000-004P4Novel007_8Table3
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CAGTCTAAATATGGCCAGGCAGAGTGCGCCAGGTCCCCAGCCATGAACACCAAGGGCTTC
CAGGCACGCTGGCTCCCTTGG
>SEQUENCE:1065:prostate_MPM2000-004P4Novel007_8Table3
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TTCTGAGGACAATTCGTGCCCCCTTTCAAATTGTAATTGTAATCACCCAAAGTGCTGGGA
TTACAGGCGTCAGCCACCGTGCCTGGCCGTTATTTTGTCTTTCATTCATGATATTGGTTA
ATCTGTATTTATCAAGTTTGTTAATTTTTTTTTTTTTTGTAGATAGGGTCTTGCTGTCACC
CAGGCTTAAGTGCAAGTGTGTTGTCATAGCTCACTGTAACACTCCAACCTCCTGGGTCTC
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>SEQUENCE:1066:prostate_MPM2000-004P4Novel007_8Table3
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TCAAGGCCAAGGATTTGTTTGTCTGGGTCTGGGGGAGTCATCTTTATAATTTTAATATT
CCATTAGAATGCCTTGACGCTAGAAGGAGGGTCCATCTCAATCACATCAATAAATTGATC
CCAACCTTTATAAAAATAAGCTTGGATAGAAAGGAAAAATCCGAAGACTAAGGTAGTCTGG
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>SEQUENCE:1067:prostate_MPM2000-004P4Novel007_8Table3
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CTTCATTTTGCTCTAGTTAAAGAAATGGAAAAGATGCTTTTAACTTATTATCAATCCTAC
ATCAGGTGTCAAGAAATGCAAAGCATTAGAAAGAGAGAGGGGAAAGAGGGATCTTCAATAT
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TCTAACCTTACAAAAGCAGAGAAAGGCCGGGCACGGTGGCTCATGCCTGTAATCCAAGCA
CTTTGCGAGACTGAGGCAGGCGGATCATGAGGTCAGGAATTTGAGACCAGCCTGGCTAAT
ATGGTGAAACCCTGTCTCTACTAAAAATAAAAAAATTATCTGGACATGGTGGTGTGTACA
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>SEQUENCE:1068:prostate_MPM2000-004P4Novel007_8Table3
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ACCTAATTCTATGCCTTATGATATACAAGGGCTCAAATAACTAGAGTGTGATATATGAAG
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GTGATCTTTCTCATTATCAGCCATCTGAGAACATTTGGAATAGAGGGGTTTTTCCATGT
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>SEQUENCE:1069:prostate_MPM2000-004P4Novel007_8Table3

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ATAGGGCGAATAGCAGCTCCACCGCGGTGGCGGCCGAGGTACTGTGAGGCACTCTTTCCC
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TGTTGCCAGGAACTGGCCCAGGTCTTTCCCTCCTGGGCCCATCTTGTCCTTAATCTCTGC
TGACATTGATGGGTTTAGTTACCTTGTCGTGTTTCTTCAGTGTTTTATGCCATACAGTCT
CCCTTGAGTAGATGTTCTGTATAGGGGATATCACAGCTTCCTGGTGAGAACTGGGTTAAG
TCCAGCAGGATGCCCGGGCTTAGTGGCACTGGAGTTGTGGGTGGCCTTGAGCCCCAAGCA
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>SEQUENCE:1070:prostate_MPM2000-004P4Novel007_8Table3

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GTGGGTTGTGGTGATACTGATTACAGCTGCTTATCAGAAGATAATGGGTTGTAGTGATAC
TGATTAGCCTACGGCATAAATTAAGTAAAAGGGGGAGGAAAAACAGTTTTGTCTATGACTC
AGGAGGAAGATGAGGCACACTGTCACCTTTGAGCTCTGTGTTTTGGCAGGTCTGCCATGA
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>SEQUENCE:1071:prostate_MPM2000-004P4Novel007_8Table3

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CCTGCCTCGGCCTCCCAAAGTGCTGGGATTATAGGTTTGAGCCACCACGCCCAGCTGTGT
TATGTTTTAACACATGTGCTATGTCGCTAAGTGGTTGGAAATATGAAAATGAGTTGATGT
GTTCTTATAATAAGACATCTGCTTTAGTATACATTATTAGCATGCTCTTCCACTTTGGAA
TTTTTATTTTATATTTTCACTTAGGCAAAAATACTTTCAACCATTAAAGTGGGTATAAAA
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AGACTATAAAAGTGA

>SEQUENCE:1072:prostate_MPM2000-004P4Novel007_8Table3

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GCAATACCTCAATTGGTGCCCCATGTGAGGAGAGCTGTGTGAGGACAGTCAGGGGTCTGC
AGAAACAGACCTTCCGCAATCGGAGCCCCCTTTGTAAGGCAAGCTTTGAAGGAAGTGTAAG
GACCGCTTTCATGAGGAAAGCTGCAAAGGAAGCCTGAGGAATGCGACGGGCCCCCGGGAA
ACAAAGGTGAAGAAAAACCGCGTGGTCAAGTCAGTGAGTAACTAGTAAGTCATTGGTGCC
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>SEQUENCE:1073:prostate_MPM2000-004P4Novel007_8Table3

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ATAAAGCATGAGCTCAGCAGGGGCTTTCTAATGGCTAATCCACAGTAACCCATTTAAAAA
ATCTTTTTTTTCCCACAAGAAAAAGAACTAGTAGGGAAAGGACATTTTGGTGGTTGTTTG
AAAGAAGTGTCACCTCGGGTATTTGGGGGAGGAAGAGTGGTGTCTCACCATTGAGTTTTTT
GTTTGGTGGATGCCTCTTTTCCAGGTCCAGTTGCTGAATCCAGGACATGGAGTGGAGACA
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>SEQUENCE:1074:prostate_MPM2000-004P4Novel007_8Table3

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CCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCGTCTTGGCCTCCCAAAGTGCTG
GGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATCTCTTTAAAGAGAGAGAA
AACTATGAGAGGCCAAAATTATTTAATTAATCTTTACCTTAGCACAAAGGGAAGAAAAATG
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>SEQUENCE:1075:prostate_MPM2000-004P4Novel007_8Table3

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GTACTTTTTTTTTTTTTTTTGGAGACGGAGTTTTGCTCATGTTGCAGTGAGCTGAGATCA
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ATTAAATTATTTTAAAACAATTATTACCACTACCAGTATGACTCGACTGCCTATGATCAG
AAAGGACAGAAAAAAGATGTCTGAAACAACCTGCTGATTAGACTTCCATTCTTTTGAGT
TATATTCCTGCTAATGATATGTGTTTAAACATTATATGAGTAAGAACTAAGGAATTTAATC
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>SEQUENCE:1076:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTAC
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>SEQUENCE:1077:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTCAGGAGGTCTGCAAGTGTGTGGTTA
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TTAACAATAAACTAGCCCAGAACCAACCAGCCCGGTAAGTGTGCGTGCAAATCTTGCACT
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CTCCACATTCTTATCAATTGTAGCTTGACATGTTATCTCCTTGGCACATTCCATAGGAAA
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>SEQUENCE:1078:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1079:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1080:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1081:prostate_MPM2000-004P4Novel007_8Table3

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TAATCCAGTCCTCCTATCTTCCCACCCAGTGGCTCTTTGCTGTTATAATGTCCATCATCC
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>SEQUENCE:1082:prostate_MPM2000-004P4Novel007_8Table3
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AGGCTATGGAGTTCAGTGAAGGCTGCCTAAAGAGAGGATGAGTTGTCAGCTGAGACTTAC
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GATTCTGTATGCATTTTTAAGTCTGACGTATTTTTCTCAAAGATGAGGATGGTAAGGA
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>SEQUENCE:1083:prostate_MPM2000-004P4Novel007_8Table3
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AAAATTTATATAAGGCCAGCTAGAATCAAGCCAAATGAAATTCAGCTGGAAGGGATGGTA
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>SEQUENCE:1084:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1085:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1086:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1087:prostate_MPM2000-004P4Novel007_8Table3
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GAGGACCCTGAGATTTCAACAAGGTTGAGTAACTCACACATCGACACTTCCAGGGAGCTG

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TGTTGCCAGGAACTGGCCCAGGTCTTTCCCTCCTGGGCCCATCTTGTCCTTAATCTCTGC
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TCCAGCAGGATGCCCCGGGCTTAGTGGCACTGGAGTTGTGGGTGGCCTTGAGCCCCAAGCA
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TGGTCAGGCTGTCCTGGCCGCTGCACTTACAATTGCACCCCATCCCCCTAC

>SEQUENCE:1088:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTTCA
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AGATGCTAATAGCATACAAAGTGCACTCAGTGTGGAGAACAGAAGAGAAAGATGAATTCC
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GGCCTTTTAGGTGGAGGAGACAATATAGGAAAGGCACAAACCTGGGGAAATGCACAATGT
ATGCTGACCAAGAAGTGGTCTGGCGGGTAGAGTAAGGCTGGAAGAGACTCTGGGAGAGGA
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>SEQUENCE:1089:prostate_MPM2000-004P4Novel007_8Table3

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TGGCTGACCTTAAATGGGACCAGCTGTCACTAGGATGTTTTTGTGTCGAACCCAGCAACA
GAATTAGAGAGATGCCAGAGTTAACTTGCCTGAGGATACTTTCCAGCCAGGTGTCTGGC
TGGAAGTCAAGAGCTACGCATCTAGCAAGAATCAAAGCCTGGCCTGTGAGAACCACGC
ACAGTGTGGACTCAGGTCAGGGACACTGCATGATGGACAAGGGCTTTCTGAATTCCTGAA
TTCACCAGGAATTATGTCCTTAGTCCACCTTTCCACACACAGCAAGGGAGGGAGTTGGT
G

>SEQUENCE:1090:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACCCAAG
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ATACTCAGCATATAGTAGGAGCTCAATAAAAAGCTGGTGGGAAAAAAAATAAAAAGGAA
GACATGTAATAAGAATGACACGTATTGGCCAGGCGTGATGGCGCACGCCTGTAATCCCAG
CACTTTTGGAGGCCGAGACGGGCAGATCACTTGAGGTCAGGAGTTCCAGACCAGTCTGGC
CAACATCGTGAAACCCCATCTCTACTAAAAATACAAAAATTAGACAGGCGTGGTGGTGGG
TGCCTGTAATCTCAGCTACTCGGGAGGCGGAGGCAGGAGAATTGCTTGAACCCAGGAGGC
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>SEQUENCE:1091:prostate_MPM2000-004P4Novel007_8Table3

GGCGGCCGAGGTACGCGGTCTGTTTGTTCAGTGTCACTGAGTGTTTTGCCTCATGT
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TTGTTGTTTTAAAGAGGAGGGAACGGAAGCATTGCCATTTGCTCAAGATCTCACGGCTAG
TGGGTAAGAGAGCCCACTCCAGCACCACTGCGTGTTTGCATTTTACAGACATTTGG
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AAAGAAGACATTTATGCAGCCAACAGACACATGAAAAAATGTTTCATCATCACTGGTCATC
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CCTTTCCGGGC

>SEQUENCE:1093:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1094:prostate_MPM2000-004P4Novel007_8Table3

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ATTATAATTCTAATATCAAGTTGTTTCATATCTCTTTTGTTCATATTTTGTTCAGTCTC
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TTGCTCCTCACTGTGTTTACTGCCAGCACCTGGCAACGTAGTGGGTATTTAATAAGTAAT
TGTTGAATCACTGAATGAAAGAAAATCACTAGGCCACCTGAAGGCCCTTGTCTTTAGAG
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>SEQUENCE:1095:prostate_MPM2000-004P4Novel007_8Table3

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AGGGCACATTTCAACTCCCTGCCCGCTGCCATTTGATGATATTTTGTTCCTTTAGGT
ATCGTCCTATTTTCTTTTCTTTACCACTGACAGCGGCTTATTTTCATATGAATAATATAT
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GTCTATCTGGGGAAATGAGTAATTTTTCATATCCTGTTCTTGACAGGAAGAATTTTAAATC
GTTGCTCCAAAGACATTGGACAATTGGATGATTTGCTGCCGCTGACGTTTTTAGATTTC
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>SEQUENCE:1096:prostate_MPM2000-004P4Novel007_8Table3

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ATCGAGTCATCACTGTGAAGTAGCTAGAATAACAGATATGAATGCATAAATATGGGAAGG
GAGGTAGCAAAGGGGAAAGTTTTTGAGAAGGGTGGGTGGTGATGAAGAAAGGCTGAAGTG
TTGCCTTGTAATAATGGAGACATATTCTCGGGAAGCTAATATTCTAATAAAGCAGAAAAAA
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>SEQUENCE:1097:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAAAAATTCTATTTAAAAAAGAT
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CTGACAAATTATTATTTGTTTAGTCACTGTAACAATGAAATAACACCGAAGCCTGTCCTG
TTTTCAGTATGCTACTTTGCTTCTATATGCACATAAAGTGTATTGAATATTTGTCCAGAC
AAATGCTATAACCTGTAACAAATTAATATAAACCAGAGAATTGTATTTATTTGTATGAAC
TAGGGCTGTTTCTTTGAGTTTACTGGGGGAAAGAACCTGAGTTTCAATCAGATACAGATT
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TCATCTGTG

>SEQUENCE:1098:prostate_MPM2000-004P4Novel007_8Table3

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CAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGAT
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CCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTC
CCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTAAA
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>SEQUENCE:1099:prostate_MPM2000-004P4Novel007_8Table3

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AAGCCCTACATAATTTGAACCATAGCTGCCTCTACGAGATCATTTTCTCTCACTCTTGCT
TTCTTATACAGTGCCTCACAACCTCCCTGCCTCCTTGCTGCCCTTTATTATTGTGGTAA
GAACACTTGAGATCTACCCTCTTCACAAAATTGTAAATGCACAATACAGTATTGTAACT
ATAGGCATGATGTTGCACAGAAGATCTCTACAACCTTATTCATCTTGCATAACTGAAACTT
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>SEQUENCE:1100:prostate_MPM2000-004P4Novel007_8Table3
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CAAGGTTTCACCATGTTGCCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGATCTGCCCA
CCTTGGACTCCCAAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATCA
ACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCATCACGTGGTGCT
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>SEQUENCE:1101:prostate_MPM2000-004P4Novel007_8Table3
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CTTCAAGGACCAGTTTCTAGTTTCTATAATGGGGTAACACCTACCTTATAAATTGTGAA
GAATTAAATCATATAATCATGTCTGCCTCGAACTGGGTGGCTCGTCAATGCTCTGCTCTG
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CCTCATTATTACAATGCATCCCTTTGACATGATTCTTTATGAAAAAGG
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TGTCACCAACCAGCTTGTAGATTTTCAGTGGAAACTGGGTATGGCTGTGAGCTCAGACAC
TTGCAGATCTCTTAAGTATCCTTACGTTGCAGTGATGCTAAAAGTGGCAGATCATTGAGG
CCAAGTAAAGACCAAGTGCTTTGAAATGACGATTCCACAGTTTCAGAATTTCTACAGACA
GTTCAAGGAAATTGCTGCAGTTATTGAAACGGTGTGAAGACGGATTCTTTGGTTGATAAA
TTGCTATCATTCTAAAGTCATGGACTTCACTTTTCGGCAACAAAATAAATAAGGATGGAA
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>SEQUENCE:1103:prostate_MPM2000-004P4Novel007_8Table3
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GCCTACTGGCAAAATATATTATGACGCTCCACTCTGTAAACATAGATGGGGAGGGGAG
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>SEQUENCE:1105:prostate_MPM2000-004P4Novel007_8Table3
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GAATGCTCACTTGCACATAAGCTCATGCAACCAGTGCCAGATGGAAACGGGGAGCATGC
TGTCTCCCACCCACGACATACTTATGGATAACAGTCGTGTTGCTGGCCACTCAGTTCTCA
ACTCCTTACTGTGCCAGCATTGGCCTGTCCACGGCATCCATGCATTCCCAACCCTGTTGG
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>SEQUENCE:1106:prostate_MPM2000-004P4Novel007_8Table3
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ATTAGCCAGCCATGGTGGGACACGCCTGTATTCCCAGCTACCCGGGAGGCTGAGAGGCAG
GAGAATTGCTTGAACCCGGGAGGCGGGGCTTGCAGTGAGCCAAGATCCCACCACTGCACT
CCAGCCTGGGTGACAGTGAGACTCTGTGTCGAAAAAAAAAAGGCAACTAGTCACAAATA
ATTTGTTTTCTTCTATTAATAATTTTAAGACCATTATTGAAATTGAGAGTATTATTCTCC
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>SEQUENCE:1107:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC
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CAATGGTGACATCTGCCAGCTCTGCAAAGTGGGCCCTGCCTTGTACACAAGTCTCCTTG
GGCAAATGTTTTCTATGTAGATTTTAGACACTTTCCTGTGACTTTCTCAAGGTCTTTTGG
TGACACATGCAGCTTGAAGCTTTTGCAAGGGGCTGGAGTCTAATCTCTTCTTGCCCAGCT
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>SEQUENCE:1108:prostate_MPM2000-004P4Novel007_8Table3

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ATATTTTATTTGCTCATTGCAACTTTACTGGAGTTTAATCTTTAGAAAAAGAAATTTT
AATTTAATATCAGAATAACAATGTTTAATATATTCAAGTTAAGTTTTTGACAACTTGACAG
TTTATTTTAAATTCATGTGTTTCAGAGAAGTTTTTGTACCTAGGCTTGGGCTTTTAACA
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>SEQUENCE:1109:prostate_MPM2000-004P4Novel007_8Table3

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CCCTGAGGGCCAGCGCCACCCCTGATTTATTCCTCCTAGTGTCTTGGGTCCCCAGCTGC
CTGGCACAGAGCTTTGGTCCTTGGTGCTCGGTAGAAGTGTCTGGCTGATGTATAGGAGGG
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>SEQUENCE:1110:prostate_MPM2000-004P4Novel007_8Table3

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TGTTTTCTGATAGTAGCCGTCCTAATGTTTGTGGTTTATAATTTGATTAAGATAGCATA
TCTGAATATTTTCTTATTTTTTCCATCTTTGAAAATTAATAAGACTGAATTTTTGTTAC
ATTGTCTTTAATAACTAAGTTGCTTGCTTTTACTAAGCAGATTTTTTTGAAGGGATT
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>SEQUENCE:1111:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1112:prostate_MPM2000-004P4Novel007_8Table3

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ATGCCAGGGATGCTT

>SEQUENCE:1113:prostate_MPM2000-004P4Novel007_8Table3

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ATTTGAAACATCAGCCATTGTGGTTTCACATACACAGATGTATATTATTTTGTAGCCGG
GTAATGACAGTCATTGTCAAGTGGAAGATCTAATCAGACTGAATATTCATTCATGCCTTG
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>SEQUENCE:1114:prostate_MPM2000-004P4Novel007_8Table3

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CAGCCAGGTTGGTCTTGAACCTCCTGACCTCAGGTGATCCATCCGCCTTGGCCTCCCACAG
TGCTGGCATTACGGGTGTGAGCCACCGTGCCTGGACTGATAAGCACAAATTTTAGACAGT
GGTCATCCCTGTGGGAGGGGGACAGAGGATAAGGATGGACACCCAAAGGAGTGAAAGGTG
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>SEQUENCE:1115:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1116:prostate_MPM2000-004P4Novel007_8Table3

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TGTGTTCCCCCATTTTACAAAAGAAAATTTAAGTCTGCAACTTCCCCTAGGCATCTGCAG
CAGAGAGTGGATTTGTCAACATGCAAAGCTGCTGATCTGCCCCTGCATGCTGCTCCCTGC
CCTAAGTGTGAGGAGGATGAACTGCCCTCTTTTACCTGCACCTCCCTGGATGGAACAGA
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>SEQUENCE:1117:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1118:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1119:prostate_MPM2000-004P4Novel007_8Table3

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AGGTGATATATTGTAGCAGAGACANTTTAAGAAAGTGAGAAGAAAGCAGCCATGTGGTTA
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>SEQUENCE:1120:prostate_MPM2000-004P4Novel007_8Table3
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GCTGTGCCTTCTACATTTGAAGGCTCAAACCCCATGGATGGATGGAGGGAAGGATGGGTG
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>SEQUENCE:1121:prostate_MPM2000-004P4Novel007_8Table3
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ATATGAGGTGGGTAATATCATTATCTACATTTTACAAGTATGGAAACTGGGGATTACTGA
GGTTATTTGCCCAAGGTAACACAGATGGTAGATTCTGGAGCCAGAGTTGGAACTGGGTA
GTTTGCTCCAGACCCAATGATCTAGCATCCTAGATGTGGTCCATTAGGGCTCTCTCTTTT
CATCCGTTTGTAAAAGAGAAGTTTTCACTTTCTTCTCAAACCATTGAGAAACAACCTTGA
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AGCAGGACACCATTTTCTACCTTTGGTATTCTCCAAATAGTTGGCACCAATTCTCATAAA
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>SEQUENCE:1122:prostate_MPM2000-004P4Novel007_8Table3
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CTCCTCAGGTGCATTGAGGGTGGGAAAGGGCAAATGTGAGAACTAATGGTAACCAGCCCA
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CCTTGCCTGTGATGCTGGGTCTGCAGTTTTGCTCGCCGTCCTCGCTTTGCCTTCTTGCCC
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>SEQUENCE:1125:prostate_MPM2000-004P4Novel007_8Table3
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GAAGGTATTCAGTATATACTTATTTAAATGAATTGAAAGTCATATGAGCAGCATGGACTT
ACTACTTTAAAAACCACATTATTAGAAACCTAACACCTTGGAAGCTCTGCATATTCTGAA
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>SEQUENCE:1128:prostate_MPM2000-004P4Novel007_8Table3
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GGCCAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAA
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GGCAAATGTTTTCTATGTAGATTTTACACACTTTCCTGTGACTTTCTCAAGGTCTTTTGG
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>SEQUENCE:1131:prostate_MPM2000-004P4Novel007_8Table3
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ATTAAGGTTGTATATAAAATAGTTATTAAGTGGAGACACTTAAGAATAATACACACTC
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GCTGGCATGCTGCCTGTCGGATCTGTGCTATTCCTTAGTGACCTGTAGATTCATTATCTG
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>SEQUENCE:1132:prostate_MPM2000-004P4Novel007_8Table3

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TCCGGACTCCACAGCCCTGCATGAGGGCCGCTCCTCCATCTCAGCATCCTCAACCTGGTA
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>SEQUENCE:1133:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1134:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1135:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1136:prostate_MPM2000-004P4Novel007_8Table3

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ATGCTAATGGCTCAAGCAATGAGGGGGCTCACTCTAAGAGGACAAGTTAGAACATTGGGA
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>SEQUENCE:1138:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1141:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1142:prostate_MPM2000-004P4Novel007_8Table3

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ATACACGAGTTTAGAAGTGAAAACCTTAAATAAGTCTAGGATTAGACTGTATTCCTAGGA
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>SEQUENCE:1143:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1144:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1145:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1150:prostate_MPM2000-004P4Novel007_8Table3
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TTTTTTTTTTTTGTTTGTTTTTCAGGCCTATATGGCTGATGCTCAGTAAGCAGTGAGATG
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GGAGCAGACGCACACAGCGAGAGTGGAACGTGCACAAGGCCCTCAGAGAGAGACAGACAT
AGACAAGGAGATGTTCCGGTCCTCCTGGCCTGCTGGGTCCCATGAGGCCTGTGTTTCCTT
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>SEQUENCE:1151:prostate_MPM2000-004P4Novel007_8Table3

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TATTTATGTTATACTTTTAAAATTTAGATTAAAAAATAAAATTACTTTTAATGTCTATA
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>SEQUENCE:1152:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1154:prostate_MPM2000-004P4Novel007_8Table3

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GAAAGCAGAGACTAACTTCTGCTATTTTATCTACCATGCAGAGGGTTATGGGGATATCTT
GTTGCTTTGCTTTCAGCACTGGCACAAGTCCAGGGCCCATTTGCTAGCAGTGTGGGTGTT
AAGAGGCAGGATGTAAGGTATCACCTGTGCTGGTGAGGAACACAGTGAGGAGTGTATGAT
TTGGGAGCTGAGAGCAGTAGCAGTGGGGTCAGCAGCTTCTGATTGGGTGGTCCCAGGAT
CAAAGTGGTTAGTGATCCGCTGGCTTCTTGGTGGGTTTGGCTTTCTAACTGTGGCAAAG
CACTGTGGTTATGGAACCTGGCCGTGACCCAAGG

>SEQUENCE:1155:prostate_MPM2000-004P4Novel007_8Table3

AGCTCCACCGCGGTGGCGGCCGAGGTACACACTTGCATGAGGGATGGGGCTGGTTTACAG
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TAAGAACAGAGTGAAGAAAAAGGACAGGCCGGCCCTTGGTTATTTTTAAATTTAGGAAA
ATGGATTGGCCAAATAATGGGGATCAAAAATAAAGGGTGTTTTTATTATGAGCCAAGTGA
AAATTAAATTTAAGATAGGTATGTTGATATGGTTTGATTGTGTCCTCCAAAGTTCATGTG
TAGGAAACTGAAGCGCCAGTGCAACAGTATTGAGAGGTAGAACTTTAAGAGGTGATCAG
TGCTGGGTGCAGTGGCTCACGCCTGTAATCCCAGCAC

>SEQUENCE:1156:prostate_MPM2000-004P4Novel007_8Table3

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TCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACATGCCACCATGCCTAGCTAAGTTTTGTA
TTTTTAGCAGAGACAGGGTTTCGCCATGTTGGCCGGGCTGGCCTCGAACTCCTGACCTTA
GGTGATCCACCCTCCTAGGTCTCTCAAAGTGCTGGAATTACGGTGTGAGCCACTGCGCCC
GGCCCTTAGTAGCATCTTTAATGGAGGTAGAGTTGAGATTTCAGTGACTAACAACATAA
GGTATTAACGGTAGGGGTTTATATGATACATTTGCATTTTAGAAAAGTATCTAAGCTTC
AATGTGAAGAACAGATTGAAATGGAAGGGGGAGAAGACTAGAAGCAGAAACATTACTCAT
TTAAGTAATCTGGACCATGAACTGAAAAAAGTATAGGGACTCCAAAAGTCATANAGAA
GTGAAAGCAAG

>SEQUENCE:1157:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACATGTGGCAATTG
T

TTGCCATTCCCTTTCCATCATTAAAAGGGGCCACAAGGAAAAGTCTAGTAACGGAGTGTGAA
ATCCAAGCTTTTTTACAAGGAATCCTGTGCAAGAGCTCAGGAGCTACTTGTTCATAT
GTAGTTAATCCTGTCTGTGCAAAGAGGTTGTCAATCTGATCCCAGTTCTCTGCCAACTCG
TTTTTGATTTTGAGCAAACCCCTTTCTAAAGCACAAGGGATCTATCTACTGTGGGCCT
GAGCTCTGGGACTCTTCTCTCAGCAGGCTGTTCACTTTGGCTCAAGAGTGCCTCCATCC
ATGTAGGGTGACTTTGCTAATTTGCACAAAGTCGCCCTATGGGCTAGCAGCGGGCCTATC
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>SEQUENCE:1158:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTCTGGTAAGCTTGTGTTGTCCA
AGTGAAGCTCCCTCAGATGAGGCGTGTTGGCCAGAGAGCCATTGTCAACAGCAGAGATGC
TGTTGAAACTCAATCCCAACTTAGCCAAATTATTCAGTCCTTTCAGGCTAGCTGCATCAA
CTCTGCTGATTTTGTGTCATCAAGATGTAATTCCGTAAGGGAAGGAGGAAGACCTTGAG
GAATGCTGGTGATATTGGTATCAGCAATGCGGATGTAGGAGAGCTTCTTCATTCCCTGGA
AAGCCCCATTTTCAATTCCTGAGCTCTTTAGCGGATTGGTGCCAGTTCTATGACAATCA
TCTGGTTCAGTCCATTGAAAGTAACTTTTCGCACTTTGGTGATCTCATTCTCATGGGCAC
G

>SEQUENCE:1159:prostate_MPM2000-004P4Novel007_8Table3

GCGGCCGAGGTACTCAGTTTACTGAGCATGTTTTATTCTACTTTATAATAACATAAGTCA
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TGTGGCCAATTTAGGGTGATTTAGTGGAATGGAATCATCTGGTATAGTAAACAGCTTT
TGTTTTCTGTTACAGACATAATGTTAGGAAAATTGAAATAAATACAAGGGGTAGTTATGG
TGAACCCTGTAAACTACTGTTTTAAACAGTGAATTTAGAAAATCTCATCTGTTCT
GAGTGATTTCAATTCCTTTGAGAAGTTAACTGGCTCTTTTTAAACAAATGCATCCAGGC
GTGCCTGGTTATTGCTTTATTTAAAGCTGGAAGCAAGGCTCCTTTCGGTTCTT

>SEQUENCE:1160:prostate_MPM2000-004P4Novel007_8Table3

GAGCTCCACCGCGGTGGCGGCCGAGGTACCATGTCTATATGACTATATGGGCAACAGAAA
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ACATGCTAAATCTAAGTTCATGATGAAACATCCAAGGGGGGACTAATAGCCAGAAACACAG
GATACAAGCTGGGAAAATACGAATTTGATTTAGAGGGGAGAGGCACTAGAGCTAATCATT
AGATTCATGAGTATAGATGAATTCAAAATGTGAATGCTCAAACAGAAAAGCCAAGGATAC
CAGTGAAGGAATATTTACATTTAGGTTACAAGGAAGGAAGAGGAAGGCCAGGCATGGTGG
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>SEQUENCE:1161:prostate_MPM2000-004P4Novel007_8Table3

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GAACCAAGCTGGGAATTCCAACATGTAGAAGTTAAACACAAGAGGAGGAGCCAGCAAAGG
AAACAGAAACAGAGCTTCCAGCAGGTGGGGGGCATTGGAAGAAAACGATGCCATAGAAG
CCAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAAGA
AAGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGAT
GAGGGGTTTCAATAGAATGGTGGGATTATATACCTCCCTGGATTCAACTGAGGTAAGGAA
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>SEQUENCE:1162:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACGATGTCCAGTAG
ACCTACTGGATATGCAGGCCTGCAGCTCAGGGGAGAGCTGGGTTAAGAACCGCCAAGGCA
GTAATCATCTGCATTTAGATGGCGAGTGAAGCCATGACAGGGGCTGAAATGGCCCAGCAA

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GAATAAATCAAACCATGAGAAACACATACATTTAAGAATAAGGAGATGTGGTCAGGCGCG
GTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGTGGATCACTTGAGGT
CAGTAGTTTGAGACCAGCCTGGACAACCTAGTGAAATCCCGTCTCTGCTAAAAATACAGA
ACTTAGCTGGGTGTGGTGGTGCCTATAGTCCCAGCTGCTTGGGAGGCTGAAGCACA
AGAATCGCTTGAACCCGGGAGGTGG

>SEQUENCE:1163:prostate_MPM2000-004P4Novel007_8Table3

CGGTGGCGGCCCGCCCGGGCAGGTACTACTGCAACCACTAGCAGCTACCATTTATGAAGCA
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AAATCCTGCAAAGTATTATTTTAAGGAACTTACCAGTGTAGCCATTCAAGTATTTGGGAT
GAATAATAAGAACTTTTTAGAACCATTATATAAGCACTCTAGGTCACTTTTGAGAAAT
GCTACAACTAGGGAACCAGGAGATTAGAGATGGGCTCACGTCTTGATTTTCAGAAGGAA
AATGTAGTGGATTGTGAATGCTGTATCATTAGCTTGACATGGATTCTATGCAAAATTCA
AAAGGATTTTTTTTTTTTAAACAACCTACTTCTTTCCATAGTCTTACCAGCACTCACTG
GTTGCCTGCCATGGATTCTTTAAGAACAGT

>SEQUENCE:1164:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCCGCGGTGGCGGCCGCCCGGGCAGGTACCTCA
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CAACTCTGGCTCCCTGTGGTTATAGGAAATTATCCGTGCAATGAACTTAATTTAGAAAAA
CTCTGCTGCATAAAGAGGTGGCAGAATTATTCTTCTCATAGTCCAGTCTATGTTGACTTT
CATGCTACAGCATTTCACAGTCATTGACATAGAAATAGATGCTTAATTTAAAATGTTTT
TGCAAAAGTCATTGGACGATTGATAAATAAGCCGAGGTTAGACTCCAAATAAAGTGCTT
AAAAAAGTAAATCTGGCATTCACTTCTTATCCCTTAATGGGGGAAAAACTCTCATG

>SEQUENCE:1165:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCAGCAGTATGTAATTATATTG
TGAGAACAAGGAATATTGGGCAAAAAGCAAGTGGTTAAACATGCAACAAGCAAGGGCC
TGATCAGAATTTTCATTTATTCAGTCCTTAAGAACTGCAGAATGCTGAAGTCTCAAGGGG
CCCGGTTACAAGGCTATTGGAAGTTTCGTACCCCTTTAAATGCCCTTAATAGCTTTT
TTGTTTTGTTTTTAAAAAATTGTTGGCCCGGCGCGGTGGCTTACGCCTGTAATCCCAGC
ATTTTGGGAGGCTGAGGCAGGCGGATCACCTGAAGTCAGGAGTTCTAGACCAGCCTGGCC
AACATGGTGAAACCCCGTCTCTACTAAAAATACAAAAATTAGCCGGGCGTGGTGGCACGC
GCCTGTAATCCTAGCTACTCGGGAGGCTGGGGCAGAAGAATCACTTG

>SEQUENCE:1166:prostate_MPM2000-004P4Novel007_8Table3

CGACTATTATAGGGCGAATTGCAGCTCCACCGCGGTGGCGGTTTAGGTACACAGTGTTTA
GCACACAAGTGTTTAGTAACATTTCTTTTGATAAATGCATGAGCAGACGTTCAAGTCTG
AAGTGGAGTCAGGAGTAGTCATGTTTCTGCTTGCTGCCGTGCACAGGGAGCTTGGCCTGC
ATGCATGAGGCATTTAATTCTCAAAACACTTAATGATGGGAGGAGGTCCATGCTCTATGG
GGAGGTCAGAC

>SEQUENCE:1167:prostate_MPM2000-004P4Novel007_8Table3

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTT
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TCTCGAACTCCCGACCTCAGGCGATCCGCTCGCCTCGGCCTCCCAAAGTGCTGGGATTAC
AGGCATGAGCCATCGTGCCCAACCAATACATTTGATTTTGATCTATCAGCAAAGAGGCTC
CAAGGTTTAGTATGTTTCCATTTTGTATTCAGGGTTTCATTTGTGTGCTAGGTGCAACAT
CTTTCTGTATTCAAGCCGAAGTTAGAGATCCAAATTGCTAAAGGACTTCAGCAGGCCAGA
GCTCAGTGAAAGGAAGGTCCACAGAAGGGCCACTAATTAGTAATGAATGGCTAAAAGACA
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>SEQUENCE:1168:prostate_MPM2000-004P4Novel007_8Table3

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ATTATTACAACAGATCTAACTTTAGGAAAGTAAGTATTAAATTTGAATAAGATTATATAA
TAGGGGGGATTTAAATTAAATGCCTAACAGAGTTTCATCCAAATTTTAGAATGTGAATTC
AAGGAACTCTTGACCCTTCTGAAGTAAATTGATAGCATTTCCACAGTGTTCACTAGGA
TGTAGCTAGCCAACCTCACAGCTGCCTGTCTCTTTAGCTTCCAATGAAAATGCTTTGGA
AAACATACACATAGAAAAAGAAATTCTCACAGTAATACTTAAACCTAAGAGGCTAAGCAA
TCAGGCTTT

>SEQUENCE:1169:prostate_MPM2000-004P4Novel007_8Table3

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AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTGTATCTTTAAAT
TAAGGAGTTTTAGTTATAATGAAATTGATTTGTAGTCTGTTTTGCCGTAAACTTGTTTT
CTTTAAATTGTTCTTACAGTGATATCTTACTATTTTTAACTGTCTGGGGTTTCTGATATG
GGGATTTGAGCCCCTGGTTAATCAGTCTTGTCCCTACAAGTCCCTGATGCAGTATGTTTA
TTTGTGATGTTTAAAGAACATTTCTTGGCTGGGCGCTGCGGCTTGCGCCTGTAATCTCAG
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>SEQUENCE:1170:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACATCTGTC
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AATCTTAAATTGTCTGATCAGAAGTAACTAAAATAAAAATTAGGTTGTTTTCTTTTAA
GACTTTTCTGAACTAGGTTGATCAAAAAATACAAATGTTTTCCATGATTATTCTCAG
TAAGAGTCAGTAATTCAGGCCAGGTGCAGTGGCTCAAGCCTGTAATCTCAGCATTTTGGG
AGGCTGAGGCAGGTGGATCACGAGGTCAGGAGTTCAAGATTCAATAATTGGCAAGGTATA
AGCTCCACTAGAGGAGAAAAAAAGTATTATGCTAAAGATGGACTATTGTTGGTTCCATT
TCACTCTA

>SEQUENCE:1171:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTTTTTTT
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TCGATCTCCTGACCTCTTGATCCGCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGC
GTGAGCCACCCATCCGGCCTAACGAGACTTATTTTTACTCACTAGATGGCGTTCATTCA
TTTGCTTACTCAGCTGTGCCAGGAATTAAGTTGGGCACTGGGAATTCCAAAACCAACAAG
ACATTCTCTGTCATCAGGGAACCTCACAGCCTAGTATGAGAGATAAACAAATGAACATGAA
ATTATAATTCAGTAACAAAGAATGAGTGTTATGGCAGAGGGAATGTGTAAGAGCTTGGCA
GGGTATCCAGCAGGGATACCTAACTAAGCCCCACTGGGGAAGGCATCCGAACAGAGGGGA
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TGGTTATGACAACTCTGAAAA

>SEQUENCE:1172:prostate_MPM2000-004P4Novel007_8Table3

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TGCTCTGAATTCAGAGGTAAAGTTGCAAAGAGGGAAGGCAAGCATTAAATGTGTTTTCAA
GTGAGGGTATCTCTTAGTAACGTGCAGTAGACCGCAAATAGTTGCTACCTTTTTTTTAAAA
AAAGGGAACTTTTATAACTCAGTATTTGAAAAGTGGTCATCAGTTTTTTCATATTAATTAT
GGAAGTTGAGGAGCAGCTTTAGCCACAGTTAGAACTTAAGTTTCTGGGGAAATTGGAGAG
TTTTGTTTTTATTAAGTGGACAGAAACCATATCCCATCCTTATACTCTGATCTGAGTATA
GAGAAAC

>SEQUENCE:1173:prostate_MPM2000-004P4Novel007_8Table3

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TTACAGAATCGTATGGAATGGACCCTTGTTTAGGGACCCACAGGCTTTCAGTGACCGTC
CAGATGACCAGGCTTCAATGGGTGTCCCGCCCCAGCTGGAGGCGATCAGCCCGATGGGAT
ACTGCAGAGTGTATAAAGGTGACGTCCAAAGAGCCAGCACACTGCTGACATGTACCTGC
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>SEQUENCE:1174:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTGACC
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TTTCTTCCTACAACCTCAATGCCTGTAGGAATTATGATGTGAACATAATATTTGTCACTAA
ATTAGTTTCCTTGCTTCTGAGTTGAAAGAGGTTACCTAGGATGGCAAAGTTTTGGTAGT
TCTAGACTGAACATTCTTGATTGTCACCTTCCTTTAGATTGATTTCTGTGACATAATAC
CTCACCCCTGCCAGTCCGTTTCAGCCTGCCTGCCTCCCTGACTCTCTCCCTCCCTGCCTCC
CTCCCTCTCTGTGCAGCTACTGCTTCTGGTTGTAGTCTTTTGTCTCTCCACGTTTTGAAT
TACCTTTGTCAGCCACCTGCACTTTTCGTATAGTTGG

>SEQUENCE:1175:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACCGTATTATTTTAGCTTTTATTAG
GTTACAGATTATTCTCAAATATCTCATTACCTCTTCAAATCCTATGTAGTTGGCATTGC

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TGTTATCCCCAATAGACAAATGAGAAGTGACAGTCTTAAAGGTGAACTCATGTTCAAACA
ACAGAAGAATAATGGGCCTATAAGCCATGTCTCCTGACACACAGCTGAGTGATCTTTTCA
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GAATCTGTGCGCTCTGATTCTTCAATCCATTGCTTTTTTTTTTTTTT
>SEQUENCE:1176:prostate_MPM2000-004P4Novel007_8Table3
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CGGCTTCATCCCTGGGATGCAAAGCTCATTCAACATACCAAAATCAATAAATGTAATCCA
TCACATGAACAGAACCAATGACAAAAACCACATGATTATCTCAATAGATGCAGAAAAGGC
CTTCGATAAAATTGAGCAGCCCTTTCATGCTAAAACTCTCAATAAACTAGGTTTTGATGG
AACATATCTCAAAGTAATAAGAGCTATTTATGACAAACCCACAGCCAATATCATACTCAG
TGGGCAAAAAGTGGGAGCATTCCCTTTGAAAACCGGCACAAGACAAGGATGCTGTCTCTC
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>SEQUENCE:1177:prostate_MPM2000-004P4Novel007_8Table3
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AGCAATCCTCCCGCCTTAGCCTCCCCAAATGCTGGGATTACAGGCATAAGCCACCGTGCC
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>SEQUENCE:1178:prostate_MPM2000-004P4Novel007_8Table3
A
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AGTCAAGAATTTTAAAGCTGGATCTTAGAGGTTATCTAACTAACCTCTCCATTTTCATAG
ATAAGGAAAGTGAGTCCCAGAAAAGCACTGGTTTGGACAAGTTCAGAAAGCTAAACAGTG
ACTGTGGATGTATGATTCTGTCTCTTAACCTCTAATCCAAATGTCTTCTCACTAGATAAG
GCTGTGCCTTCTACATTTGAAGGCTCAAACCCCATGGATGGATGGAGGGAAGGATGGGTG
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>SEQUENCE:1179:prostate_MPM2000-004P4Novel007_8Table3
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GGCTCTCGGTCTCATTGACTCAATTGGGTTTGAATCTCAATTCTGCAACCTACGTGGCTT
TGGGCAGGTTTCTCATTTTCAAATTATACAATAATTTACCTTTTAACTTATTGAA
GGATTGGAAAGCTGTAACACCTAGCATGCTGTGCTGGCATAAGGTGGGGGTAAAGTAAAA
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TCTTCATCCTACTTTCTGCTAGTTTCAATTTCTTCTTAGTTGGCTG
>SEQUENCE:1180:prostate_MPM2000-004P4Novel007_8Table3
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TGGGGGGGCATGTCTTTTTTACAATAGCCATTTGCCACAGGAGTGGGAAATTCCACTTTT
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TAGGGGAAATAAAGGAGAGAAAAGAGGATTGTAAGCCATCAGCAGTGCAAAGTTTTCCAC
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>SEQUENCE:1181:prostate_MPM2000-004P4Novel007_8Table3
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ATTAAATTTTATTTTTCTTGATACTCAAAATCATATTTATAAAAAAAGGATTTTTTTTT
TTTTTTTTTTTTGGAATGGAAGTCTGCTTTTGTACCCCAAGGCTTGGAGTTGC
>SEQUENCE:1182:prostate_MPM2000-004P4Novel007_8Table3
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ATGTCTTTGAACACCCTTAAAGGAACCTAGGCTAGTAGTTGACATTGAATAGTTTCTAAG
TAACTCTTGCCGACTGGAATTGTATTTACGGCAAAGCTACTTGCAAATTACTTGCAATTG
AGACCAAATGTAAACACTAGAGGAGCCAGACATGGTTTTCTTTGGACACATCTTGGACGT
GCCTGATGTCCTCCCCACCTGCCTTGGGCATCCCTTTATGATAAACTTTAATTCAAGTCA

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AACTGGTATCACTGCATGTTTTTAAGAGACTTGCCCACTTTCTGACCAAATTATCCATCT
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GGGTTTGGT

>SEQUENCE:1183:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATGTGAGCTCCACCGCCGTGGCGGCCGCCGGGCAGGTACTAAAGCATATCATCA
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CTGTTTTTAATGCTTTTCCAAAAAAGTGACCTTCTCAACATGATAGAAAACATTTCCGA
AAAAGTATAGCTAAAGTATACGCAGTGGAGAAAGATTGAAGGCTTTCCCCATAAGATT
AGGAAAAGACAAACACACTAAAATCACACACAGCTAGTGTATAGTTGTGTTTCTTACATT
AACAATGAACAATCCAAAAAAGAAATTAAGGAGCAATTTCACTTACAATAACATTTGTAT
TATTCCGTTTTCACACTGCTATGAATAAATACCTGAAACTGGGTTGTTTATAAAGG

>SEQUENCE:1184:prostate_MPM2000-004P4Novel007_8Table3

GCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACACTCTAAAAGCCAAAAACAGCATGAT
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TACCTACTATCTTGGGAATTTCACTGAGAGTATAGAACATTCTAAATGAAAAAAGAAAC
GAAAAGGAATGGTTATAAATTGTTTAAATGTGTAAACAAACACAATAGATGTAAGTTACA
AAAATGTTTCAAGTAACAGAATGCACTGATAACATTTAAATTAATATAAAGAAAAGCAA
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>SEQUENCE:1185:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACC
TCAGACTCCCAAGTCTCCATATTCTGTAAAGTGCTCCTATGGGTGTTGATTTATTCAGCT
GAAAAACTGAAAATCCATTTTAGGATTGAGTTGATCTTCACTGAGGAAAAATATCAATTT
TCAGAGCTTTGTCTAGGACCCTGCAAAGAACTTAAGAATTCTTAACAGAGGTTACGAAT
GGTCCCAAGGAGTCCACAAGTACCATGAAATTGTATGTATACAAGTGAGAGGGAGAGAGG
ATGAGAGCCTCTGAGAATGTAAATTTTTTGGCATGAAGATCCATAACTTTCTCAGATCC
TTATGGGGTTCTGTCTTTCCCAAACCAACAAAGAATCTGAGCTGAG

>SEQUENCE:1186:prostate_MPM2000-004P4Novel007_8Table3

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GGTTTAGAAAATACCATGATTGTTAACAGGACCATCAGATTTTCAATTTTTCTAAAATATT
AGATATTGTCAGTGTGGTTTTATATAGGTGCTGATTCTGTTCTGCTCGTCTTCAAGTAA
CAAATGCCTGCAGTGGAGATATCTTATTTTGATGATTAACAGGAAGCTTTTAAGCTTTGA
AGAAAGCAAACAACATTTTCCATGGACCTTTAAGAGCTGGGCTAATATTTTTGCCACAC
AGAACTCTAATTCATTTCAAGGTCAAGGGCAACAATAGAATACTTTTTCAAGGACCTTGC
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>SEQUENCE:1187:prostate_MPM2000-004P4Novel007_8Table3

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AGAGTTTAGGGTGGCATTAGGCAAGGATGACATCTGAATATCTAACTTCCATTTTACATT
GCCATGTAAGTCTTTTTGCCAGTGGGTTTGGGGGACATTGAGGCAGAACTCCTGGAAAA
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ACCATTAGCAAAATGTGCCTCTTAAAAACTCAAGACACAAGCATTATCTTCATCTCACTG
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>SEQUENCE:1188:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACCTCATTATTCC
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GCTCCCTGTGGTTATAGGAAATTATCCGTGCAATGAACTTAATTTACAAAACCTCTGCT

>SEQUENCE:1189:prostate_MPM2000-004P4Novel007_8Table3

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GGTTGTTTACTATGGGTTTTATCCATTTGTATACTGTTTTTTTTCTCAGCTATCTTCAA
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>SEQUENCE:1196:prostate_MPM2000-004P4Novel007_8Table3

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AGGATTATTTTAGAGCTCATCTACCCACTCATATTGCAGCAGAAAGAATTGAAGCTCTGG
GGGATAAATGACTTATTCAAGGTCACAGTGAGCCAAAGCTGAGATTTCCAGATCCTAACC
AGCGTTAAATTTCTAAGCTGCATTTTAGCATTCCACTTTTCCTCATTTTGCCTATTAAT
CCTCCAAGGCCTAGTTCAGGTTCTTTCTGGTCCAGAAAGTGCCCCCAGTCTTCTCCAATT
CTACAGAGATGCCTTCCTTCCCTGATGCTACAGAATGTATCATCTCCATCACTCATTGGC
ACCAATAAATAAAATGCCCTTTGACATCCAAGAGTCATGAAACTTTGAGCTGGAAGGGTC
ATTGGATGTCATTTAACTCATATTTCAAGTTTCAAACCTTACATAAGTCAGCTCACCAAGGT
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>SEQUENCE:1197:prostate_MPM2000-004P4Novel007_8Table3

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TGTGATAATGGAGTTATGAATATGTAGGAGAATGTCTACATAGATTTTATGAAGATGCAT
GTGGCAACATATCTGCAGCTTATTCCAAAAAAGGTCCAAGAAAAAAGGAAAGGAAAGAA
AATAGGAAAAACTCGGTGAGCCACCATGCCAAGCCTCACTGTTTCTAATAACCAAAATTG
TTCCTGTATTTATTGAGTCTCTGTTTCATGCCAGACACTCTGCTATAGTCTGAATATGTT
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>SEQUENCE:1198:prostate_MPM2000-004P4Novel007_8Table3

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CCGGGCTGGCCTCGAACTCCTGACCTTAGGTGATCCACCCTCCTAGGTCTCTCAAAGTGC
TGGAATTACGGTGTGAGCCACTGCGCCCGGCCCTTAGTAGCATCTTTTAATGGAGGTAGA
GTTGAGATTTCAGTGACTAACAATAAGGTATTAAGGTAGGGGTTTATATGATACATT
TGCATTTTAGAAAACCTGATCTAAGCTTCAATGTGAAGAACAGATTGAAATGGAAGGGGGA
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>SEQUENCE:1199:prostate_MPM2000-004P4Novel007_8Table3

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CCAGACCTGCTGATTTGGAAACTGACTATGGAGCCCAGGAAGCTGTTTTAGCAAGCCCCC
TAGGCGATTCTGACGCAGTTGATGTTTGAGAAACACTGCACTATCTCAGACTCTTTTAA
TCAGAGATCTGGAGTCAAATTCAAACCTCTACTACATCTCAGCTATGTGACCTTTGGCAAT
TGATACACCTTTCTTTCTTTCTTTGCTTTTTTTTTTTTTTTGAGACAGAGTCTTGCCTG
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>SEQUENCE:1200:prostate_MPM2000-004P4Novel007_8Table3

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TGCTTCAGAAGAATCAGCAGTCTGTTGTGCAAAACAGTTGAAGGAACTACCAGGATTTGT
AGACCCATTTAGTGGTTGTTGTTGATGACAGAGGCTGACCTGTGGAGGAAATGGTCGGTG
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>SEQUENCE:1201:prostate_MPM2000-004P4Novel007_8Table3

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TCCAATAGGTGCATACATCTCCTTAGTAAGTAGTTGTGATTAACAATGAAATAGAAATGA
AAAATATATTTTTTTATTAATGGGAATAATATTTTTT

>SEQUENCE:1202:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGG
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GGCCAAGAACCAACAAGGGGCAGCACATTGTGGGTCTGATGATTTGGTGCAAGATGGATAA
CTGGACAGGATATGCCAGAATTATACTTTGGATAGTGACTAAATTCATGATCAGGGCAGG
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ACAGACAATTTACATCCTCTGACCAGTGTTTTCTCTTCCTAGAGTTGAATTGCCTGAGAA
GCCCAGTTATACTGAGGTTACTTGGTAAGCCTAACTAGAGCATATATTCTTTAGATGTTT
AGGACATCAAGGCATCGAGCTAAAACAGCCTGATGTAAATGTCAACACAATAGGGATTCC
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AAC

>SEQUENCE:1203:prostate_MPM2000-004P4Novel007_8Table3

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TGATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCCATCCGG
CCTAACGAGACTTATTTTTACTCAACTAGATGGCGTTTATTCAATTTGCTTACTCAGCTGT
GCCAGGAATTAAGTTGGGCACTGGGAATTCAAAACCAACAAGACATTCTCTGTCATCAG
GGAATCACAGCCTAGTATGAGAGATAAACAAATGAACATGAAATTATAATTCAGTAACA
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>SEQUENCE:1204:prostate_MPM2000-004P4Novel007_8Table3

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TTCAGTCAAGAATTTTAAAGCTGGATCTTAGAGGTTATCTAACTAACCTCTCCATTTCA
TAGATAAGGAAGTGAGTCCCAGAAAAGCACTGGTTTGGGCAAGTTCAGAAAGCTAAACAG
TGACTGTGGATGTATGATTCTGTCTCTTAACCTCCTAATCCAAATGTCTTCTCACTAGATA
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TGGAGGGAT

>SEQUENCE:1205:prostate_MPM2000-004P4Novel007_8Table3

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTGTC
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TTCTGGAAGCCTGATTTCTTTCCTCCACTTATGTTAACAGATTAAAAATTTAAAAA
ACATAATTTTTTAAAGTAAACACAAATTAGGGAATTTTGGCCCCCAAAA

>SEQUENCE:1206:prostate_MPM2000-004P4Novel007_8Table3

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CTGGGTCTCTAAGGTAGGAGGTCTGGGATCTGTTTATTCTACTTAGTTCAAGTTGGAATT
GATGCTGTTAAACATGTGAAATGACCCTAACTACTCTTCAGGGTTAAGGCAGGTCTGAG
GCAGATGGATGAATTACGCAAATGGACTATAATGTGTAATCTGTGCATGTGTGTAACAAT
AAAATACAGTTCTATCAAGATTTTGGTTGAGAAAAGTTAATGATAAAAGGGCTGGGCTGG
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>SEQUENCE:1207:prostate_MPM2000-004P4Novel007_8Table3

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TCCCCGCCTTCAGACAATGCTGTCCCTTATCAGGGCAGACTGCTGTCTGGTTTCCTGTCT
CCAGCTCGGGCATGACTGCTTAAGATGAGAAACATGGTCTAAGAAAGGAACAGAGTGGTC
TTGAAAATGAGAATGCTAGCGACCACCATAACCCTCTTCCAACCTCACTCCCAAGAGGAAT
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>SEQUENCE:1208:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGTGGCAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTTG
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TTAAAGCTCGTACTGTGATTATTGATTAAAAGAGAACAGCTGAGACCTTTGACACTTCAG
AGGCCAGTGGTCTGTGCAGTCAGTCTGGCTTCTCTAACAGGGGAAAGGCATGTAAGGAAAA
GGAAATGAGACAGCCTGGGACACAAGTTCAAGTATGAACAATACTATCACATGTTCCATA
GTGCCTATCAAACAAGTGTATGTCGTCATATTAGTCGCCTCCTTAGCCTCTGGCCCTCCC
ATAATACTCAAAGCCATCTGGCTATCTGCTCTTATTTGCAAGTAATCAGGAAAA

>SEQUENCE:1209:prostate_MPM2000-004P4Novel007_8Table3

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AGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACATATATTTTAAGTGAAAGTGACAGG
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AAATGACAGCATTTTCAATACCATTTTAAACAAATGCTTTCTTTAAGGACACTCTAAA
GATAATGTGCACTACACTAGTTTTCGTAGAACTATTCATGTGTAGGCACTCACCTTGAGA
AGTAGGATTTTTTTTTACTTAACGCTTTTGTCTCTTAAAGTATTATTATATATAGTTAA
CTGTAAAAACATTGAGATATATTAATAAATATTATAGGACAGGTAATACATATTCATGGTA
GCAAGTGAAATAATACAAAGGTTTATGAATAAAAAGTTACTACTCTCCTAGGTAGCCAAT
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TCATG

>SEQUENCE:1210:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCAGCGCCACAC
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TTCTTCTCCTGCCAAATGGGGATGTTTGCTTCACTGACAGAAACACAGTGGGTGAACCGG
GAGTGAGCGGCCCACTTGGCTGACCACTTACCAACATTTCCGGCGGGGCCTCGTGCTGAGA
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>SEQUENCE:1211:prostate_MPM2000-004P4Novel007_8Table3

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAAAAA
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TGAAAACCTTCACTTTGCTGGCATCTTCCCAAATTTCTCAGACACCCTCTCTTTGAACCT
GGAGCCTCCTGGGGAAGTATTAAGAGCCAACCAGCTATGAAAACAATGTGCTCTTCCCTG
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ATGGCCTCTGAAAACCATGCTGGGTGTTTAAACAAGCATGGAGGGATGTGGACAGGCTGTG
ATGAGCTCTGGAGGCTTACAGAACAGGACCTCCCCTCCCCCAGGAGCAGAGGTTCTCAG
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>SEQUENCE:1212:prostate_MPM2000-004P4Novel007_8Table3

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TGCCAATGGAAATAGGAAATATGAAATATCCAGGATCAATGGTAGACTTTTCTTCTTACT
GTAACAGTGCTCTGGGGCACATTTCTTACCTTGCTATTTTTTGGAGACCAAGAAAATATT
GCATCTATGTCCATCCCTACATAGACCTCACAAAGCATAGGTCAAATTCTAATAGGCAGC
CATGATTCTCCAATTTTTTGTTCACAAATAAGTCGACTGACTTCCTAATTGGAGTCATTG
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>SEQUENCE:1213:prostate_MPM2000-004P4Novel007_8Table3

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TGATATAGGCTACAATATGGATGCATCTCAAACATTATGCTTAGTGAAAGAAGTCTGAT
GCAATATCCACATATGGTATGTTTCCACTTACAGTCCAGAAAAGGCATATACTAAATTA
GCAGTTGCATGGGTCTGATGTGAAAACATGGATTGCCTGCAGATGGGCACAAGGGATCTT
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>SEQUENCE:1214:prostate_MPM2000-004P4Novel007_8Table3

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GCAGATGCATTATTTGGGTCCACCTGAAAACAACCTGGTTCTGCCCCCCCCCTTTCTCCCAA
TCTGCAAGCTTCTGTTTATCCCTGTGAATAAAAATGCAGAATGACAAAAAGTCTGGGTGA
CTTACATTATTCTCCTTATCTCAACATAAATGTGAAATCTGGGGGTGTCAGCTAGTCAAT
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GAAAAGGG

>SEQUENCE:1215:prostate_MPM2000-004P4Novel007_8Table3

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CAAAGTGCTGGGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAA
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>SEQUENCE:1216:prostate_MPM2000-004P4Novel007_8Table3

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TGCATTGTAAACTGTTGTCTACTTTGTCTTCTTGAAATCCTACACCTCCCCCAGCCCCCA
CATTTGGCCTATGGAACATTACTTTATCCTGATTTTCCCCCTAACCTTCTGGCAATGCCT
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>SEQUENCE:1217:prostate_MPM2000-004P4Novel007_8Table3

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CTTTCTGTATTCAAGCCGAAGTTAGAGATCCAAATTGCTAAAGGACTTCAGCAGGCCAGA
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>SEQUENCE:1218:prostate_MPM2000-004P4Novel007_8Table3

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GCCATCATCGTATCCTGACTTGGCACACTGTCCTTCTTTTACAAGGCCTTTACACCTCCA
TTCTCTTTAGAACACACCTTCATTGTCCACATTCAATTTGTTTACGGATCCTGTTGGGAA
CAGCTGCTCCTTCATCTTTGCTCTAAGAGAAATTTCTTCAAACCTCTCTTATTTTACTAT
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>SEQUENCE:1219:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1221:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1222:prostate_MPM2000-004P4Novel007_8Table3
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AAAGGGCTAAACAGTGACTIONNGGTGGATGTATGATNNTCTGTCTCTTAACCCTCCTAATC
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>SEQUENCE:1223:prostate_MPM2000-004P4Novel007_8Table3
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GAATTTTAAAGCTGGATCTTAGAGGTTATCTAACTAACCTCTCCATTTTCATAGATAAGG
AAAGTGAGTCCCAGAAAAGCACTGGTTTGGACAAGTTCAGAAAGCTAAACAGTGACTIONG
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TTTGCTTACTCAGCTGTGCCAGGAATTAAGTTGGGCACTGGGAATTCCAAAACCAACAAG
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ATTATAATTCAGTAACAAAGAATGAGTGTTATGGCAGAGGGAATGTGTAAGAGCTTGGCA
GGGTATCCAGCAGGGATACCTAACTAAGCCCCACTGGGGAAGGCATCCGAACAGAGGGGA
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TGGTTATGACAACTCTGAAAA
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CTCTCCAAATAACAAATTGCACTCCTACTTACTCCTATTTCTCTACTCAGTGCCCATTT
CTCAAAAAACTTTTCCCAATTAGCACCAATGAAGGACAACACTCAGACTACCCTATTCTT
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CGTGGCTTTTTTTGAGCAGCCCTTTATCAAAGGTGTGGAAAGAGACTACCTTCCCCCTC
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>SEQUENCE:1227:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1228:prostate_MPM2000-004P4Novel007_8Table3
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TTGTCAAATCTACATCGTTGAAGAGATGGGTTTCAAATCCAGGTCGGCTTGGCCCTTGC
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ATTTCAAGGGTCTCATCATCCCATCCACTGTATCACTTTTTTTTGTACAGGCTTTACTCT
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>SEQUENCE:1229:prostate_MPM2000-004P4Novel007_8Table3

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TTTGCTTAGGATAGTATTATTTCTTATAGTGAAAGCATTCTATGTTATTTATTATTAGTC
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CAGATCAGGATCATTTGTAGCTATTTGCAAAAGTAGCAATATTCTGGCTGGGCATGGTGG
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>SEQUENCE:1230:prostate_MPM2000-004P4Novel007_8Table3

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CAATCAACAGCTTCTGGACTGTCACTGTTTCACTGTTTTATTTCTTAAGGTGAATTATTC
ATTATTCTTTATATTCTTTTAAAATGTTATATACTTTATAGATCAATTAATAATGTTT
GGCTCCTTTTATTTTAGAGATCTCCAGCATTTTAGGTTGCCTCATCAATAGTTGGCAAAA
AGAGGCCAGGCACGGTGGCTCACGCCTATAATCCCAACACTTTGAGAGGCCGAGGCGGGT
GGATTACTCAAGGTCAGGAGTTCGAGACCACCCTGGCC

>SEQUENCE:1231:prostate_MPM2000-004P4Novel007_8Table3

AGCGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGAGG
TACTTGTAGGTTGTGATTTTTTTTTGTCAACCTGATTCTGTCTGTTTTTCTTAGGAACT
CATCAAAATTTCCAGCCTACTGATAACACTCCATTATTTCTAGCACAGCAGCACTGTTA
GGAAATTTTCTTAAATATGCACGTAGTAAAAGTATATATATAATGTATATATACACTTA
AGGACATATATTACATATGGACACACAGGTGTATATGTGTGTATACACACATGTATATAT
TCCCAGTGACTTTCAGGTGGAGATGAGCTAGATATACAGTTCAGCATTTTAATGCAATA
CTTAATTATAATTCATAAGTGACCACCACTGTATGCAAGCCATTATTATGATG

>SEQUENCE:1232:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGGGATT
ATAGGCGTGAGCCACCGCGTCTGGCCTCTAACGAGATATTTCTAAAGGTTAGGCCTTCAG
TCAAGAATTTTAAAGCTGGATCTTAGAGGTTATCTAAACTAACCTCTCCATTTTCATAGAT
AAGGAAAGTGAGTCCCAGAAAAGCACTGGTTTGGACAAGTTCAGAAAGCTAAACAGTGAC
TGTGGATGTATGATTCTGTCTCTTAACTCCTAATCCAAATGTCTTCTCACTAGATAAGGC
TGTGCCTTCTACATTTGAAGGCTCAAACCCCATGGATGGATGGAGGGAAGGATGGGTTGG
AGGGAATGGATGGA

>SEQUENCE:1233:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGGTCTGTGGCCAGGGGTTGG
G

GACCACTGGATTAGTCAACAAGAGTAGTTGTTCACTTCTTCATCCTCCCTAGAGCACTAA
TTAGCAAGAAAATTAAAGAATAAATTTAACATTTACCCCTGGAGGTTCAAGGACAAGTTA
GAAGTTAATACCTTAACTTTCACTTTCACTCAAATGTGCATAAAGCTCCATTAGTGCTGC
TATTGGTTTCACTAACTCCATCCACAATTCTCCCGAAAACAGAAAACCTCATACAACAAA
GCCAAACCTGAAACACAATCAGGTTTCCACCAGGCAGAAGTATGGTGAAGCTAAGCCTAGTG
GCCTCGGCACTGCTGGACACTGAATTGCAATGGGGTAAGTGAAGAGTTCCAAAGCCAAGG
GAAGCCTCCCAACAGCATAGCTTGAATGGAGTGATCTGCT

>SEQUENCE:1234:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTTACT
TTTTTTTTTTTTTTTTTTTTTTTTCTTCTCTTCTTATAAGACATCTGATTTAAAAAAAAG
AATAATAGATTTAAGAAGAAAAAATTAGCTAATAATGACAGCAGGCTTGTAATATTATC
ATAATGTCATTTATCATAGATATCCTTATTCTCCAGGGCAGCACTTCTCAAATCCTTGAC
AGTATGACATTTTGGGCCAGCTAATTCCTTAGGGAGGGACCTTTCCTGAATATTAGGCC
GTTGAGTGGCCTGCTTGGCCTTGACCCGCTCACTGCCAGTAGCACACCTCCCCCAAGCTT
CAGCAGCAGAACACCTCCAGTCACTTAGTGGGGACTGGGTAGGTGGGAGACAGAATCGCA
CCAGTTAAGTGTCTCTGCGGCAG

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>SEQUENCE:1236:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGATCTTGGCTCACTG
CAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGATT
ACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCAC
CATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTCC
CAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAA
ACTGACACCTATTACTGATAAAATTCTCTGTTTAAAATCCTATTTACTATTTTAAAGATA
AGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAAGGCATTTTCA
TTGCCTTTTGCAGATTTACTCATTACTACC

>SEQUENCE:1237:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTACTATATGCCACTACTATACGGCGAATTGGAGCTCCACCGCGGTGGCGG
CCGAGGTACGTTTACAGACAGATGGTGCCAGGAGTGTAATAAATTTATTGTCTAAGGAATT
TCAATTTTCAGTTAGTGGTAAGGATAATAGAATCTTTAATTTGGTGCAGATTTTCAGAAG
ATTCTGAAAAACAAAAAAGCCCTTAAAAATTAAGAGTTGTAAGGATTGAAATTTGCAGG
GAGGTGGATGACTTTATTTTTGAGTGCATTTTAAATGAAAATTGATGGGTTTTTTATGAG
GTCATGGGAACTTTTGCATGAGGTGGATAGACCAGTTGGCCACTTCAGGGGGCTGGCAGG
GGAACCGCTGGTTGGTCATACCCGCATCTTGGTGCAACTGCTTTGCTGCCGTGGGTACCT

>SEQUENCE:1238:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
CCCTCACTGCCACTACGAGTATCTTAGCTCACATTGGTTTAATCAGTCTTTAGTAACCCC
AGGGTGTCTAAACATTTCCATGTCTAAAGGTGTCTTTAAGAATGGGAAAATAGTCCCCC
TGCCTTTCCTCTTCACACACACAGTATACCACTTCTGCAGTGTGACTCTAGACCCATAG
CCAGCAGGGCATCTGCTGTTAAACCTGGACGCTGCTGGCTGTGGCTGAACTGAGTTATC
TACTGGACAGTGTGTTTGTGTCTTATAGCAATATCAGTAGTTGAATCATGGGCCATACTT
CAAATTTACAGACTCCCTTTCCCTTGTGGTTTTGAA

>SEQUENCE:1239:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATTTTGGAGACGGAGTCTCGCTCCTTCGCCCAGCCTGGA
GTGCAGTGGCGTGATCTCGGCTCACTGCAAGCTCCGCCTCCCGGGTTCGTGCCATTCTCC
TGCCTCAACCTTCCCGAGTAGCTGGGACCACAGGCGCCCCCACCAGCGCCTAGCCAATAT
TTTGTATTTTATAGTAGAGAGAGATGAGTGTATATAATGCCGTAGGAATAGGTAAAATTAC
CTAGAGAGCCCAAGTCTCTAGGAACTCCAACCTTTAGAAGTCAGGCAGAGGGAAAAAGGTG
TTCCAAATTTTTTTTTTTTTTAAAAAAGAGAGTATTTCAAAGTGGAATAAATAGGTTGAAA
CTGTTGAGAGGTCTAATTAGATGAGAACTAAACATCCTTTGGATTT

>SEQUENCE:1240:prostate_MPM2000-004P4Novel007_8Table3

CGCGCGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTA
CTATGTGTGGTTCACCCACTGTCTTACTCTCTAGGAACACTGAAGTGATTTGTTTGCGTG
CCCTGCAGCACAGTCCTTGGTCCCCTCTCAACATGCCACCCACACGTTTTTGTACCTG
AAAATTCTATTTGTATCACTTTCTCCAAAATGGCTAGGTGCAGCCTAGGTCAGAATTAAT
CGCTCCCTTTCCCGAGTTTCCACATCTTATTCTTTGACTTATCCAAATTTCTACCACTTT
TGTTATTGCTCCTGCTTACATTCTGTCCCATATTGAACATGTGGTATATGCCAGGCTCTA
TGCTTTCTCTTTATTATTTTATTGCCTTCTTATGTAACCCTACAAAATGTTTTTTTTTTT
TCTTATAAAGAAATGGAAGCTTAAAGGAGGTGACATTCTCTATGATTTGCTTGGAGTATG
TTTCTGAACTAAGGCTGCTGTCCATATCCAGCATGCGGTACCTGCCCGGGCGGCCGCTCT
AGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC
CTCGAGGGGGGGGCCCGGTAC

>SEQUENCE:1241:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAAAAATAAATTT
GACACAGCTCTTGACCTCAAGGAATTTACAGTCTGGGACTATTTGACAGGACTTTTATGG
TCCCCTTTGTGGTTAAGAAAGCATAAATAGGTTTTTAAATATCATGTGCAGAAACACATAG
CATGTTCTACATGACTCACAATTTGAGCAATTATACAGACATAATCCAGTATCAAAAAT
GGAATAAAAAGGAAAGAAATACAGAATGAGCTTCTCCAATTTTCAATTTCCATTGTTAAGT
TAGGAAGTCCCAAACCTACATCAGAAAAAAATTTAGAATAAATGAATTCACTGATAAAGAG
AAGAGAGAAAAGAAAGCCAACACAAGAACTTACTCTAAGAAAAAAGCA

>SEQUENCE:1242:prostate_MPM2000-004P4Novel007_8Table3

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TACTACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
TACTGGCTTCCCAGTGGTTGGGTTGAGTATAAGCCCCCAAATATGAGTAAAAGAAGAAAA
AGTTAATTCAATCACCAAGTCTTGCTCGCATATTAATAAATTGGATAGATGAATGTTCAAT
CATATGTTTTGGCTTTGGCCAGCCAGACGAGGTCAATTTTAGATTTGAACTGCTTAGAA
TTCTTCAGGCAAGTCTTGATGGAGCACTTCTTGGACAGTTAGAACTTTACCAGGTTTACA
GGAGAGCTCAGATGAAGCGAACACCTCATCCACACTGGTTTCTTTGGAGACCTTTACTG
TTGAGAGGTGGTTTTTCATAGCCGCAAAATGACAAGTGCAAGTTGAGTAGATCAGTGTTTA
TCAACCAGGTGCCACATTGTGCCCCAGGAGACATTTGACAATGATGGGGTGTTACTGGCA
TCTAGTAGACAGAGGTCAAGGATGCTGCTTAACATCTTACAATGCACAGGACAGTTGCCA
CAGCAAAGCATTACCCAGACTCAAATGCCAATAGTGC

>SEQUENCE:1243:prostate_MPM2000-004P4Novel007_8Table3

TACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACGCGGGGGG
G

ACTACAGGTGCCCGCCACCATGCCTGGCTAATTTTTTATATTTTTTAGTAGAGACAGTGT
TTCACCGTGTTAGTCAGGATGGTCTCGATCTTCTGACATCGTGATCCACCCGCCTCGGCC
TCCCAAAGTGCTAGGATTACAGGCGTGAGTCACTGCACTCAGTCAGGTTTTCAGGTGCTG
GCTCCATGGCTCTTCTGAGCCGAAAATAAGGAACTCCATAGACCTTGTCCACTGGAAC
TCGTTCCCATCTACCCTCCACTCTATCCAGGGTGATGGATCTCTGCAGTAAGTGGAAGAG
TTCTTCATGGCCCCCAAGGTTATATCCATCTAGAAGTTTCAGCACGTTATTTTCATCTGGAA
ATAGTGCCCTTGC

>SEQUENCE:1244:prostate_MPM2000-004P4Novel007_8Table3

TACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAC
TACGCAAGATAATACTCTTCAAAAAGTGCAATTACTATGAGCTATGAGCTTTATCTCATC
TGCTACTTCCAGTTTATACCTTTGTTATTTAATAACCATTGCTTCCCTCACTAGTTACTT
CAAATATATTTCAAAATCAGGGGAGAGAAAACGATGACTTGTGAAATCACCTAACAAAG
TGAAAAATAGACTCAAAGTTTTGATTCCATTTATGTGTATTCACTGGATTTAAGACCTGC
TTAAAAGCCTTAGAAAAATGATTTAAAATACTGACCTCTGACTATATGTGGGCTGTTGCA
TCATCATAACCACCCACCATCATCAACTTATATTGAATAGTAATTTCTGTGCCAGCTAT

>SEQUENCE:1245:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACGCGGGGATTCTCAATCC
TACCCATGATGCAGACAGATTACCTCATTTTCAGCTCAATAAAACATCACCAAATTCCCTT
AGGCAGAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCC
GTTTTCTTTTCACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGA
GTTTCAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAG
AGGTCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTT
TTCTGTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAAAAGAATTCAA
CTGCGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAG

>SEQUENCE:1246:prostate_MPM2000-004P4Novel007_8Table3

TACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGC
GGGGAGTAGTAAGCCACATTACTCAGTTGTGAGGGGGGAAGGTAGACTCTTTCCAGACCTT
TGATAAAGGGGCTGCTCAAAAAAGCCACGACCTTGGGCCTCTGCTAAAACCATGGCTTTA
AGTAAGGAGGGAACCGATTTTTTAAAAAACCTTATCCCCTCTTTCTAATCTCTTATGTCC
TGTGAGTGTCAACCATGAGTAAACCCAAGTGGAAGTCAGCAGGAAAGTAGCTGGGATGA
TGCAGTCTTTACAGGGTCTCTCTGTCAACCCAGGCTGAAGTGAAATGGTGTGATCTCGGCT
CACTGCAACCTCTGCCTCCTGGGTTCAAGTGATTCTCCAGCCCCAGCCTTCCAAATAGAT
ACCAGTAAAAATGTCATCTGGCCAATTTGTGTGAAAAAA

>SEQUENCE:1247:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACGCGGGATATTA
ATATGTAATCCCAGCACTTTGGGAGGCCGAGGTGGGCGGATTGCAAGGTCAGGAGTTTCA
GACCAGCCTGGCCAATATGATGGAACCTGTCTCTACTAAGAATACAAAAATTAGCCAGA
TATGGTGGCGCGCACCTGTAATCCCAGCTACTCCGGAGGCTGAGGCAGAAGAATTGCTTG
AACCCAGGAGGCGGAGGTTTCAGTGAGCTGAGATCACGCCACTGCACTCCAGCCTGGGCA
ACAGAGCCATACTCCATCTCAAAAAGAAAAAAGGTTATATTCAGGTCCAGTGGATT
ATATGTTTTCTTGCTACTGAACTGTATGAGTTTTTTTTAAAAATAAATTTTGGGTATTAAC
CCCTTATCAGATATACAGCTTGTAATATTTTTTTCCAGTCTGTAGTTG

>SEQUENCE:1248:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATCAT
TAGAATCCTACCTCAAACATGCAATGGTGGGAAAAGATTTACAATTTAAAATTTAAATAG
TAGTTAAGCTAAATTTATTTTGGGAATAATTTAGGTTTCCCTGGATAATTTTCCACGTTT
ATCTCAACATTATATAAATTCATTCACAGTCACTCAGGATGAGTAAGTAATGCCTCCAAA
ACAGCCTGGTCGTGGGTTCTTCTGAGTCCATCTGGCTTCTGGCTAGAAGACTGGAATGAC
TCATAAAAATGAAGCAACCTGAGGTCACCTACTCCAGGTCTTTTAAACAGAATTGCCAAC
TGCTTACCAGGTGGTTCCAATTTCCGAGAATACTTAAAATAAGGGAGAAACTCATTCTAG
ATACACCATTTTATTTTCATATTGTCTC

>SEQUENCE:1249:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGAGTCTCTT
TTTTTAAGAATTTTAATTTTCTAGTTTCTTATCTTTTTAATGATTATTCTTTAAGTGG
TATAGCTCCATTCTCCAAGACATTTAAGACATGCGCTTTTAAGAGCAGCTGAAAATTATT
GGTTGTTTACTATGGGTTTTATCCATTTGTATACTGTTTTTTTTCTCAGCTATCTTCAA
AATAGCCATAGGAGGTAGATTCCATTATTATTTTACTCTAAAAAGAGAAAAGTGAAGTTT
AAAGTGTTAAAGTGGCAGGACCAAGATGAAGATACGAGGTGAAAGTAACTAAAGGTTGTT
AGCATAACAATTCAACCAAAGATGCAATTGAAACAATATGTCTTTGCTGTCATGTCTAGA
CAATGAGATGGCCAGATTGCAGGC

>SEQUENCE:1250:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGACC
C

AGAGGACACAGTTGAAATGAGGCACAATTAGGAAAACTAGGCTGTTTAATATCCATATT
GAGTAGCTTTGCAAGTTACTTTCAAACTTCCCTACAGAATTGGTTCTAACAGAACTGT
TCAAGGCCAAGGATTTGTTTGTCTGGGTCTGGGGGAGTCATCTTTATAATTTAATATT
CCATTAGAATGCCTTGACGCTAGAAGGAGGGTCCATCTCAATCACATCAATAAATTGATC
CCAACCTTTATAAAAATAAGCTTGGATAGAAAGGAAAATCCGAAGACTAAGGTAGTCTGG
TAGAATACTAGAAGGAGACATCTTTTAAGAGGAGGACAAGAAAAGGCATGAAAACAGAGA
ACATGGTCCTACACAAGGCAACTGGCTTCAGTGCTACCCTACAATT

>SEQUENCE:1251:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGTGGAGAC
A

GCATGAGCATTAGAGTCAGAATACTTCATCCAAATTCAAGTATTTGTTTAGTTATAAGGG
ACAGAAATCGAACTCAAAGTATTTAACATGAAAGGAATTAGTTGGCTCAGCTGGCACAC
AGAATCCCAAAGGGTGAGATAACTGAACCAGGAGGGTCCACTTTGCAAAAGGGTCTTTTG
TAGGCAACAAGGGCTTTAGCTCTCAAACCTTACTTCCCTGTTTCAAGAACTGTAATATTTCT
CTTCCCACTGA

>SEQUENCE:1252:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATCATTCTGCATG
ATTCACGGACTAGGAGTCCCTGGTCAAAAAGTTCAAAAAGTATGATGGGTCCCAAGTT
ACTCAGTGGCAGAACTTGATTGAGTAACATGTCAGCTTGTGGGCTTGAAAAGTCTTAAG
CGTCTCTACTTCC

>SEQUENCE:1253:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACACATCCCTGACCTCCAGAGCAGACTTAG
CTGTCCCTTCTGTCACCTCTCGGAAACACTCTCTTCTCTTGGCCTCTGTGATTCTTCT
ATCTCCCTAACCAAGTTTTGTCTCTCTTTTGGGACTTCTCTTCTACCAGCTCTGAAAGAA
AGTTCTGTCCTTGCTTCAGGTTTCTATCTTCGGCCTGTTGTCCTTCAACACACTCCCCAT
AAGGGACCCCATTTCTCTCAAGCCTTCGTTTCATCACCCAGATGCTAATGAGCCCTAACCT
TTATCCTGTCTTCTGTGAACCTCTGGATCCGTTTCCAGTGTCTACAGGATTTCTCCACCT
GAATGTCCTCATGACACTTCCATCTCAGGATATACAACCTTGAACCTCATTACTTATACCTG
CCACACCAAACCTTTCCCAAGTTTCAGTTGATCCCCTTTCCCAAGTTTCAGTTGAAAGCGT
TACCCAGACACCTCAGTCATCCTCAACAATTCCTTCTGCCTCACCTCCACAGACAATTG
GTCACCATGGCCTGATGCATGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG
CAGG

>SEQUENCE:1254:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGAGGTACTTCTCCACCTTCTTACATTTATTTATGCCTAGCA
CTGTTACTTTCCAGAAATGAATTAACAGCTATCATCACTGAGTCTCAATTACTTGATA
GATGACAGGAACATCCTCTGATCTCTATGGGATGAGAATGTAACTTTATTACCCTTAAT

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TCCTGCTGTTTTGCAACCAGAGAGTAAGCAAAGGCTAAAGCTGAGGGTGAGATGTAGAAA
CCTTGCCTACTATGTGTGTGGAAAAGTTTAGTGGCATAAACTTGCAGAATTTACTTATTT
GTATGAATGAGAAATATGTGATCAGTAATTTGG

>SEQUENCE:1255:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGGGATCGGCAAA
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TACTCAGCTGTCACTGTAGCTGAAAGCAGCCACAGATGCAATACATAGACAGATGAGTGA
GGCTGCATTCTAATGAAACATTTATAAAAGTGGGCAGGGCTGGGCGTGGTGTCTCATGCC
TGTAATCCTAGCACTTTGGGAGGCCCAGGCAGGTGGATCACCTGAGGTCAGGAGTTTCGAG
ACCAGCCTGGCCAATATGGTGAAACCCTGTCTCTACTAAAAATACAAAAATCAGCTGGGT
GTGGTGGGGCGCACCTGTAATCCCAGCTATTTGGGAGGCTGAAGCAGGAGAATTGCTTGA
AC

>SEQUENCE:1256:prostate_MPM2000-004P4Novel007_8Table3

GCCCTATCACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGG
TACTGGGTAGCACAGAGATGAGAAATAATAGAAACCTTTTTGTTGCGTTGTTTCAAGAGC
TAACATTGTCAAAGCTCAATTCCTGTTTTATGTAAGGTTTTGGTTTATATTTTCTCAA
GAAGTGAAGTGCAGAAAAAAGAAAACAAAACAAAAGGATGATCAAGCAGAACTTTGGTAA
GGAAGGGTGAAGCAGAGATACTTAACCTCAGGGTGGGGACAACAGCAATGACCTTGTTTGA
AATGCAGCTCCTGTCTCTGTGGCTCTCTGTACTCTGCTGGGGCATCAGTTCCTTTACTTC
TTAGTTAAAGCAGTTTATGTTGATGGGTGCAATGGCTTTTTTTGGTTGCCCAATGATTT
TTTACAC

>SEQUENCE:1257:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAATAGGAT
ATTATATATTAGAAATAAATGACTAAATACGTATATAGCAACATGGAATAAACAAAAGAC
ATACAGCACTATGCCATTTATATATATAAAGTATATATACACAGAGATATGTGAAACCTT
GAAAAACAGAGGATAATCTGAAGGATGTATGTTAAAAATTCAAAGTGGGCCGGGCATGG
TGGCTAACACCTGTAATCCAAGCACCTTGGGATCACAGGCGTGAGCCACTCCACCCAGCC
ACCTCTTTTCAAGTTACCCAGCCTCAGTATTTCTTTATAGCAACACAAAGAACTAACCCA
GCCATAAATTAAGAAATATGAACACTTTAGGGGTGGGTGGATCATGAGGTCAGGAGTTTCG
AGACCAGCCCGGCCAACATGGTGAAACC

>SEQUENCE:1258:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTTAC
ACTGTCAGCTATGGGTTTCACTCAGATATGCCCATAAATTCATTTATGAAGAAGAGCTCCC
TAACTTCTAATGATTTTTTCTGTTGTTTATTTAGCTCCAAAACTTATGTTTTTTT
TTCTTAAAAAATCCCATAAAAATATTCATTATCAATACATCATATTGATGATATCACTC
AAGAAGGAGATGTCTCACTCTAAGCATTATTATAAAAATTCACAGGCAGTCCACTTTTCT
AGAAAAATATGCCAGTGATCCTTCTAGCCTTTTGCATCCTGGGATTATTAACCAGGCTG
CTGAGCAGCCTTGACACCTGCTCTGTGACCAATGCTCCAGGCTGTTTATTTTGGCCTATA
AACTCTCAAAGTTGATGGGCCCTGCCCTCA

>SEQUENCE:1259:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTTTGAAGG
TGTCTACAAGGCACCACCTTAGACCTTTCTGAATTCTTAAAGGTTGTGCAGTTTCACCC
TGGGTTTGATTTTTGCTCTGAAACCATTTCTTGGCTCAAGAATTGTTTGATGTGTGGAGA
GATTGGGAATGAGAAACAGGTTTATATTTAACAGTTTATTCTTTAGCTCATCTCTCTCTG
CTCACATCTTATAGGCAGTGAGCAGAACCAGGTGTCACTTTAAGTGGCTGCCTGGAAAT
CTCTTTAGATAGATCATTGAGTTCATTAGGTGCATTTCCGCTTCCCACTTTACTGTAGAT
GTCAGTGTTGCTAAAC

>SEQUENCE:1260:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATTATTCAT
ACACTGTAATGGCGTAAAAGAACCCTAGACACATGGAATCCCTTGCTAATAAGTGCACCT
TCAAAGCGATAGTCATTATTTAGCATTTATCGGAAGAGGCTGGCCCCAGCTCTGGTGAAG
GGCAGAGAAGGTGTGGGTGGCCTCACGTGTTCTCAATGTCACAAAATGATAGCATTAAAC
AGACCCACTCCCTCATGGAAGGCAATTTGACGACCTTCTATTGATATTGCAACATGTGTC
TCTGGCAGCAGATCTCAATCCTTATGTAAGGGATATGGGAAGACTTCCTCCACTTCATGT
ATATGCTTTCCCTAAGCAGATCTGGCAGATGCAAATTTATCCATATCTTTTCATTTCCAT
TGAAGTTTTAGTATCCAC

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TAGAAGGCCAAAGTGGGAGAGGAAACCATTGATACAATGAATGAAACAAACAAATGAAACA
CACATCAAGCAAGTCTTACACATGGTGCTCACTAGAAACTGGGATTCAGAGTTGTATTAC
CACAGAAGTGCTATCATCCTCCTCTTTTCTAGGATCACCAAATATATTTACTAAAAAGC
AAGTTTGTGAGGCATTGTATCTTTTCTACTTGCTTGGCATTAGACAGGAAAGATAAAAGG
GTTCCAGACCACATTTAAAGGGAACCTCCTCTGAAGAAGTTAACAAACTATGTTTGTGGC
AACCATGGGGTTAAGTAGCTTTTCTCACTCAACTGAACCCCATGGGAAATATCGACTATTC
AGTTTCCCCTCACTGCTATGCTTGTGA

>SEQUENCE:1268:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTGGGAT
TACAGGCGTGAGCCACTGCGCCCGACCATGCTTTGTCAATTTTACAGCCACGTGGTGTG
GGAAGGTTGCTTCCTCATCCTGGCCCTCTCCATCCCAAAGCCTGATTAGTTACCGGACTG
CCTTGAGGCTGTAACCTCCAGAGGGTGGCGCCGCTTATGCCAGCAGGTGGGATGTGCCAG
AGAAAGGCATCTCTTACTGCCACGGTTTTATTTTACTGCAATTTTATCCTCACACATCGC
ACCCATTTTACAGGTGAAGAAACCGAGGGGCCCCACTGGGGGAAGTGGTTTTATTCAGTG
ACTCAGAATTGGTAAGAAATGAATGGCCTCTTAAGACCCACCCAGGGCTCTTCCTTGTCA
GAACCTGTCCCCTAGGTCCTGCCAGGGCTACGAGGCAAGGCGAGTTTT

>SEQUENCE:1269:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
CTAACATTTCTCTGCTAGAAGCCACTTTAAATTATTGTTCTTTTTTAAAGGAAAATCCAA
TATAGTTGAAAGCTTGTGCTTTATAAATATGTGATGCTTCCCTGCATTATCTGAAAGAGG
GAGAAAAACCATGTCTTGCTTTTTTGGGATTTAACCTGTTTTAGCTGATCACAAAATCTT
TATTAATTGCATTTATTAGCTATATAGCACTCCAAGGTCTTTTGAAATTNTTTTTGGTTG
CAAAAATTCTGATGAAAAAAATTTAAATTGGTATTATTAATCTTTGTAAATTTTTTGCAA
AAAAAGCATGTTGAATT

>SEQUENCE:1270:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACA
AATGGTTAAGCAGATCCCTCAAATTCTGCTAAAACAAGAGGAAAGATAAGAAAACAGAA
ATGTCGCCTCCATCCTGGCCAATGTAGAAGAGCTAATAGGTGAATGACAGCATATTTTAA
ATCCATAACGGAATGTTGGTTTTCTTTCTTGTTTAATGGCTTCCTTTCTTTAGGAGAACC
TGATATGAGCAAGCAGAATTCTGGAAGGCAACATTTTTGAGAGCCCTGAAGTGACAATGG

>SEQUENCE:1271:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACAAAAAATTAG
CCAGGCGTGGTGGCAGGCGCCTGTAGTCCCAGCTACTCAGGAGAGTGAGGAAGGAGAATG
GCGTGAACCTGGGAAGCAGAGCTTGCAATGAGCCGAGATCGCGCCACTGCACTCCAGCCT
GGGTGACAGAGCAAGACTCTGTCTCAAACATAATAATAATAATAAAAGGTGTTAGTGTA
ACTGCTGTGTGGAGAATGAATTAGGATGGCTGAAAGAGTGAACACTGATTTACCAAATAG
GAAGTTCTCACAGTAGTTGAAACACAAGTTATGGTGGCTAGGACTGGGAGGGGACTATGA
AGATAAAAAAAGCGGTCTATTTTGAAATAGAAGGGGATATGTTTTGAAATAGAGAAAC
AAAAGTGACTATGAAGTAGGTTGAT

>SEQUENCE:1272:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCA
GGTACATGTATGTGAGGAAAAGGAGGTAAACAAGGAGTTAGAAAGATGTGATGAGACCAG
GTGGTGATGGAAGTGAATATAAAGCAAAGACATCTGGATTTTTAATTCTGTAGGGAATAGC
TGACCAAGTATATGATTACATGTCTGCTTTTTTAACAGCTTTGTGATTTGAAATGCTGGG
TTGTTATTGTTTTTTTTGTTTTGTCTTTCTTTTTAAAAAATAACATGGCTAACTC
TGCCAACCATACACAAATATGCATACTGGCATG

>SEQUENCE:1273:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGTAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTAACAAATGCAGT
AGCCAACAAGATTACCATGCAATCATTAAGGAGAACCAGTAAGAGAGCCACTCAAACC
AGATTTTGAACGCTACTAAAATTAAGTAGTTCTTTGATGAATATGAATGAGTAGGGAAA
GGATTCTTTGTAATAGTGATACCTCTGTGGTAAGAGAAGGGTGGTATGTGAGTTTTAGTC
TACAGATTATGGCAAATTCAGTGACAACAATCAAATGGTCTAAGATTGACAGTAGCACAG
TTTTACTCTGTGAAGGTAATGTTTCAAGGACAAATTTCAAGAAAAGTAGAAAACCATTTCTT
ACAGCTGAAATCTTTCCCTAACCATTGTTATTTCCACTTTTAAGTCCTTAAGAGATGAGA
AAA

>SEQUENCE:1274:prostate_MPM2000-004P4Novel007_8Table3

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TCCACCGCGGTGGCCGGCCGCCCCGGGCAGGTACACCCCTACCCCCAAGCACCCATCATCT
CATAATCTAATCCAGGTCATATTTAAAACTTGCAATCAATGTCAATTCCTCCAAAATGC
TTCCCCCACATCCCAGGACCAAGGAATGATATTTGCATGTTTGGGATCACTTACCTAGTA
TTCCCTTTCAGAATGTAATTTGAGACCGTGGCTGTCCCTTACACACCTGTGTTTCCAGTG
TGCTCAGCACTGTAAGCTGCTCACCTTGACACCCACTTGCTGGCTGAATATTGATTGAAC
AGGTGGATGGATTTGATGGCTCCCTCAGTGATCTTCAAGCTAAAAATGGGTTCTAAAAAG
TCATCCCGCCTTCTTCCACGGCACTTATTCTTGGCTAATTAAGAGGTACCTCGGCCGCTC
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGA
CCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
TGGCGTAATCATGGTCATA

>SEQUENCE:1275:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGCAGGTACTATGCAC
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AATACTCGGACTGGGGCATAGGACTCCAGAGTAGGAAAAAGACAAAAGATTTGGCAGCTG
ACACAGGCAACCTACCCCTCTCTCCAGCCTCTTTATGAACTGTTTGTCTGCCAGTCCTG
CCCTAAGGCAGAAGATGAATTGAAGATGCTGTGCATGTNTCCTAAGTCCTTGAGCAATCA
TGGTGGTGACAATTGCCACAAGGGATATGAGGCCAGTGCCACCAGAGGGTGGTGCCAAGT
GCCACATCCCTTCCGATCCATTCCCCTCTGCATCCTCGGAGCACCCCAAGTTTGCCTTTGA
TGTGTCCGCTGTGTATGTTAGCTGAATTTTATGAGCAAAATTTCTGAGCGAAACACTC
CAAAGAGATAGGAAAACCTGCCGCCTCTTCTTTTTTGTCCCTTAATCAAACCTCAAATAAG
CTTAAAAAAAATCCATGGAAGATCATGGACATGTGAAATGAGCATTNTTTCTTTTCTTT
TCTTNTTTTTTTT

>SEQUENCE:1276:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATTACAGAGCATATGA
TCTTCAAGGTTTTGTTCCACATGTGTTATGCATAGTAACTGCTCATTCTATTAAAAAT
ACTCATAAATTGAATCACATTACAAATAAGTGCCATATACTTAACTGAACAATATACACA
CATACGCGTTCCTGATAGGTGATACAAAGGCAAGAAATTCTGAGAAATTCTAAGATTGTG
ATCTGTATCATTGATGGTATATCAGGAGTGGCAGAGGGAGGAACGTTCCCTAAGTTCT
TCACTTACTGGCTCCTGCACTTAGGTAGGATCATGTCACTAGTGCTGGCCAATGAGCAGA
AGTATGGAGTGCCATTCCTGGAGTAAGGGAAACGTATGTGCAATACTCTAATTTATTTT
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>SEQUENCE:1277:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCATTCTCTTTTGGTTG
CTATAATTCTGTGGTATAATATGAAGTCAGAAAATATAATTCCTCCAGTTTTATTTATT
ATTCATTTTTGCTTAGGATAGTATTATTTCTTATAGTGAAAGCATTCTATGTTATTTATT
ATTAGTCTAATTTTGTAGTTTTACAATGCTATCCTCTTTTACAAAGCTATGATCAACTCA
GTGCGTCCAGATCAGGATCATTGTAGCTATTTGCAAAAGTAGCAATATTCTGGCTGGGC
ATGGTGGCTCATGCTTATATCCAGCACTTTGGGAGGCCAAGACAGGCGGATCACCTGA
GGTCATAGGTTCAAGACCGGCCTGGTCAACATGGTGAAACCCTGTCTCCAATTAATAAC
AAAAATTAGCCGGGGA

>SEQUENCE:1278:prostate_MPM2000-004P4Novel007_8Table3

GAGCTACACCGCGGTGGCGGCCGCCCCGGGCAGGTACAATCCCCAGATTTTTTCATGTGTA
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CACTGTTCTGCGGTCCAACCCTACCACTGTCACTGTCAACTCATACACAGGCATACACAT
TACACAACGCATACACATGATCACTATTCAAATGACCATTTTCTTATTTATTGTTTAT
CATCTACCTCTCCCACCTCGCCACACCTTCCCCCAAGGCGAAGGTAGGCTTCGTGAAAT
CTTAACCTTGCTGTCTTATTCACTGCTGTATTCTGGTATAGCGTCTCCAACATACTTAC
TGATGAATAAATATCTGTTTAACAAATAAACTCTCTCTCTCTACTGAACTATTGTTGG
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>SEQUENCE:1279:prostate_MPM2000-004P4Novel007_8Table3

TGGTACCCAGCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTTTCGAGCGGCCG
CCCGGGCAGGTACATTGTGACAATTTGATACATGCATACATTGTGAAATGATCAAATCAG
GTTTATTAAATATATTCATCACCTAATATATTTGTCAATTTATTTTGGTGAGAGCATTGA
AATCCACTATTTTATGACATCAGTAAGATAACCTAACTAGAAGCTCCCAATACTCACCAC
CACCCTCCCAAAGATAGCCAAAACAATAAGTAAGCAACTACATTTAGAAGAAAATAACTA
AGGGAGGATGTTAGAATACATTAAGGTGTATTAGAACTCTGTAGTGTGCAGAAACCCA

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AGATGGCCACATAGACAACAGAAGGAAACACCTCACCTCCACCACCCTATCCCTACATCA
GGATCAGTTGGAACCAGGGGGAAATTCTCCTTGCAGGGAAAAGGTAAGGAAGAGGACCAC
AGCAGCCCCCATCACCACCTTAAGCACCTACAGTCCTCACCTCTGGTGACCCCTGCAGTT
CTCACAGGCACTAAGC

>SEQUENCE:1280:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGCCGACAGGTACCTGAAGC
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AAATTGACCAGGTTGGTCTCGAACTCCTGACCTAAAGTGATCCGCCCACCTTGGCCCGCA
AGCGCTGAGATTACAGACCTGAACCACTGTGCCTAACCTCCCTGAACTTCTCAACATTCT
GAGTTAGTCACTTTCCCTTTGGTTTAAGCCAGCTCGGGTACTTGCAACCCTAGTTATAC
AGCCACTTTTCTACAACACAAACAAACCACCTAGAATAAAATTCAATTTCTCCTTTTTT
TTTTTTTTTTTTAATGGAAGGTGGGGAATTCAGAGAGCAGAAATCTGTCCTGACCAGAG
AAGAGTTCTTAACAGGTTCCACTGGTATCCAGGCAAGCTACCCTCCAGACTCAAGGTGTG
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>SEQUENCE:1281:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGCCGAGGTACAAAAGCAAAGACC
C
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CCAGTCCTGGGACAGTCACTGTGGCCAGCTAGTGGTGTGCTTTGTCTGGCCACGCTGGGT
CCTGCTGCTCGCTCCAAAGGGGGCAACATACTTGATTTGCAGCCCTGGCAGAATCATATGA
TTAAAGTGTGGGAGGGCGGTGGTGAGGGAAGTATCTCCCCAAAGGAAAGAAGGGGTATGG
AACAGGTAAAATTAACAGATGTTTACAAAATTGTCTTAATTATTTCCCCAAAATGCATA
GCCAGTTTTCCCAATCCTAGTTTTTCTCTATTTACTTAAAATGCCATCTTTA

>SEQUENCE:1282:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTACTATAGGGCGAATTGGAGATCCACCGCGGTGGCGGGCCGCGGGCA
GGTACGATCTTGGCTCACTGCAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCA
GCCTCTTGAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTGTATTT
TTAGTAGAGATGGGGTTTACCCTATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGT
GGTCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAG
CCTACAAGCAATTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATC
CTATTTACTATTTTAAAGATAAGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATT
GATAAAATTTAAGGCATTTTCATTGCCTTTTGCAGATTTACTCATAACTACCTAACAAGG
AAAGAAGGTATAATTATTTCAAGATTGGATTATTTATTCTAAAATTAAATTCTTCACTAAT
TTATTCTAAGATGAATTTAATAGTCCATCA

>SEQUENCE:1283:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTGCATG
GACAGGAGATGCTTAGATCTGAGGTGAGGAAATCCAGAGATGAATGTTTTGTTTACCTCA
TGGGATTGTGGCATTGTTAGCCACTCAATCCAACCAGATTATAATGTATTAAGAATTTGA
AACATCAGCCATTGTGGTTTACATACACAGATGTATATTATTTGTTAGCCAGGTAATG
ACAGTCATTGTCAAGTGGAAGATCTAATCAGACTGAATATTCATTCATGCCTTGCTTTGT
CAATAGGGAAAAAATTTCAAGGACAATCGGATATTCTCTCAGATGACTGAACCTTTCTT
TCCATCTACCTGAAGGCGAGGAAAG

>SEQUENCE:1284:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGAGAATA
ACAAGCACTCTTTGGTATGGGTAGCAGCAGTTTCAGTGTCTTCCTGTGGTCTGTGAAGAA
GAGAACTTAACAACAAGAAGAGGGGAAAGGTCGCCTAAGGAGAAGACACAGGAGT
AATGAGAAGACACAGGAGGTAGAGCAGCACTTGCTGACTCAGAAGCATTAAACATGAACT
TATCCACTGATTGAAATCTGTGATACTTAATAGCTCTTATGTCTAATCATATCAATATG
CAGCTGGATTGATACACTCCTGCAGGTGGTTGGGGCTCCTTCACTGCCATGTATGTCCCT
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GAATTCTCAATAGATAATGCAACTCCACATAATATCTG

>SEQUENCE:1285:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGGGCAGGTACCCAGTGTCTCAT
TTCAGGCCCTCCTCATCTTTATTGGACCATTGCAGCAGTCTCCTAACTGGGCTTAATGCT
CTAGTCTCTCCTTCCTTCAGTGTGCCCTCTACACTGCAGCCAGTTTCAGGAACACTAATT
GAGTCATCCCCCTGTTTAAATCATTCAAGTGACCAGGTGCTGTGGCTCACACCTGTAACC

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CCAGAACTTTGGGAGGCCGAGGAGGGCAAATCGCATGAGTCCAGGAGTTCAAGACCAGCC
TGGTCAACATGGCAAACCCCATCTCTACAAAAAATTAGCCAGGCATGGTGGCATGCACC
TGTAAGTCCCAGCCACTCAGGAGGCTGAAATGGGAGGATCACTTGAGCTGGTGAGGTGGAG
ATTGCTGTGAGCT

>SEQUENCE:1286:prostate_MPM2000-004P4Novel007_8Table3

ACTTCTAGNATTAATTAACGCGGGCTACAAAGGCTCATTAGAATGATGAAAATTCATCTG
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TGGATCGCTTATCTTATTCAGTATTCCTAACTAGTATTTGCATAACTTGGGTCCCTGCTT
TTCTTCTGTTCAAAGCCATGTCATCCTTTTGTTCACTTAGCTACTTCTTACAAATTTTG
ATTAAATTACTGAGCCAAACACTGACTGTTTGAAAGATTGTTTAATGATGATTTTTAAGG
AGGCAACAGCAACCATTTCAAAGCTTCTTTATATCTGGGCACTTCCTCTTTATACATTTT
TGTAAGCCTTGGCTCATAGAAATATATTTAAAAACAACCTGGCTAAATTCTATTAACAC
TCAATGGCAATTTTTAAACTGTTGTGTTGCTCATGGAACAAAATGTTTGGCATGCCATT
AAAACCTGAAGTGTTTCATGAAAACCTTCATAGCTCAAGGAGACGGGGAACCTGAAGAGGTT
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TGTG

>SEQUENCE:1287:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTTTTTTT
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GGCTGGTCTCGAACTCCTGACCTCAAGTGATCCGCCCCACCTTAGCCTCCCAAAGTGCTGG
GATTACAGGCATGAGCCACCATGCCTGGCCTGAAATTTGTTTTTAATACTATATTGCCA
ATTATTGCCATAAAAAGGAATAATCCTTTTACACATCTATACTGCATTGCCCAATATTTA
ATGTATTATTCTTCAAGATGAAAGAAATATTATATTTGAATAAACTGCCTTATCTTCCTG
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>SEQUENCE:1288:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
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GTTTGAGGTCCAACTGAAAACCCATCACCTCCTTCCCACTGCTATAGCAGCGTTAGCCC
TGGGGTTTCACTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGAAAATGTCTTACT
TCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAACCAGAGCAACTG
CTGTCACCTTGGAGGTGCAGCTGAATTCCTTCTAATTGTGACACAACTCTTGAACTGTAA
ATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGTAAAAGTAAGTCA
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>SEQUENCE:1289:prostate_MPM2000-004P4Novel007_8Table3

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GACTCAAACACAATGTGGTTTCTTTGCTTTATTGTACAGCTCTGAATTCACAATTATTA
GTTAAATTCATAGGCACTATAACTTTAGAAAGCACCTTCCCAAACCAAGTATTAAGTGAT
TTATTATAATTTCTCTGACTTCTTATAGAATTGACTTTCCAAGTGTTTCATGAGAATTATT
GAGAATTTGCTACATAGTATCATCTCAGCTGTGTCCACATGAGCTATCTGTACCTTGTG
TTAATGAATAATGGTTCAGTGAATATTGGTTTTGGCATTAAAGTGATCTATATCTAA
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>SEQUENCE:1290:prostate_MPM2000-004P4Novel007_8Table3

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ATCGCTTGAACCCAGGAAGCGGAGGTGGCAGTGAGCCGAGATCGCGCCATTGCACTCCAG
ACTGGGCCACCAGGAGTGAACTCCATGAAAAAAAACCAAAAAACAAAAAAAATGTGT
ATCTTATTACAGTTGAGTCCTTTTGTTGAGACGAACATTGAGTGTGCTAGATTATTCTA
ATTAGCTACCTTTGTATGGTTAGGTTAGCATGGAGCTGAAGATAAATGTCCCGTTTGAAA
AAATGACAGCCCTTCAGAAAACCTCTGGCAGTTTACAGAAGAAATACAAATGGCCAATAGG
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>SEQUENCE:1291:prostate_MPM2000-004P4Novel007_8Table3

CTATACGGCGAATTTTAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACACTTTATC
TGTCTCTTTGCTTCTTTCCACCTCTTTCCAGCTCTCTCTGTCTCTCTCTTGTACC
CTGACCCTTTTTCTTCTATGCATACTTTTTCTTTCCCTTTTTAATCTCTATATCTTA

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ATCCTACCAATGGCCCTCTGAGAATTTATTAGCCATGATAGGGATTCTTAGGCCTGAGAT
TTCTTATCAAAAAATATTTTTAAAGCATTAAACCGTGTGCTGAGCCCTGTGCTGGATACTT
TACGAGATTCAAAAATAAGACCAGTCTCTTCTCTTCAGAAGTTTCCAGTAGATAAAGGGG
TAACATCACTATACTATATGAAAGAGTTTTTAGTGGA

>SEQUENCE:1292:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTA
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ATAACGTAACCACTCATATCTCCCTTTTGTGCAGATAACAACTGAGGCCCGAGAGAAATC
AAATATGTTGTCAAATCTACATCGTTGAAGAGATGGGTTTCAAATCCAGGTCGGCTTGG
CCCTTGCCACGACTTCATAATGAAATTCCATGGGTGAGTGTTACCAGTTTCTGGTCCATC
CTTGCTTATTTCAAGGGTCTCATCATCCCATCCACTGTATCACTTTTTTTGTTACAGGCT
TACTCTTTTCTACCATGGAAAAGACTAATGATATTTTTTTCTCCATAAGCTTGGAAATA
TTATCAATCACCATAAAATTCAGCCTTCCTCTGGTAACTTTGGAG

>SEQUENCE:1293:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTTTCATC
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GAACCCACCAACCCTTCCTGATACTGTCACAAGATTTTTTTCCCTTAATTCTTTTAAAT
AGGGCACATTTCAACTCCCTGCCCGCTGCCATTTGATGATATTTTTGTTTCTCTTTAGGT
ATCGTCCTATTTTCTTTTCTTTACCACTGACAGCGGCTTATTTTCATATGAATAATATAT
TAAATACATATGCATTTAAATATTGTTTTGATTTGTTTGCGAATTGTTTCTCTTAAAGG
GTCTATCTGGGGAAATGAGTAATTTTTCATATCCTGTTCTTGCAGGAAGAATTTTAAATC
GTTGCTCCAAAGACATTGGACACTTGGATGATTTGCTGCCGCTGACGTTTTTAGATTTCA
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TCAAGCCCTTTTCATGGNGTCTGGGGGTGGGACTCTC

>SEQUENCE:1294:prostate_MPM2000-004P4Novel007_8Table3

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A

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GTGATTATGACAGGTGGGATACAGCAGTAAATATGACAGGTGGGATACAGCAGTGATTAT
GGCAGGTGGGATACGGCAGTGATTATGACAGGTGGGATACGGCAGTGATTATGACAGGTG
GGATACAGCAGTAAATATGACAGGTGGGATACAGCAGTGATTATGGCAGGTGGGATACGG
CAGTGATTATGGCAGGTGGGATACGGCAGTGATTATGACAGGTGGGATACGGCAGTGATT
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>SEQUENCE:1295:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACA
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TTGAAATTTTAATGCCCAAAAAGTTGGCTTTGGTAAGGTGGTCTTCATTTCTGCAGTAGA
ACCATGGTTGAGGCTAATGGTCCCATCAGCATTAGCAGGCCCTTGGCTAGTTGCACAGTA
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TTGTAGTGTTCT

>SEQUENCE:1296:prostate_MPM2000-004P4Novel007_8Table3

ACTCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGT
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GCGATGGGGCTGATGTTTCTATGATTGCCTCAGACTTTCACATTTACTAGTAGGGCTGAG
AGAGGGCTTTAGTGAGGAAGGAGATATTCAGAATANAAACGGTTGAGAAAGCTGAGAAGA
CCATTGAGTTTTGATCAGTTGTGAATAGAGTGCAAAGCCATGGCCAAGCTGTTTTTGGAA
ACGCTGGCCGGCGTGTCTTCAGTGGA AAAAGCAAATCAAATGGAGCGAGAGCAAAGGGG
CGTCCTCAGTCCTCAACCTATAATCACTGTATGGAATCGGTCCTGGCAGCTGAACATAGG
AAGTCACTGGAACAAGTGATAGTGCAGATTGGCTTTCAAACATCCTCCTGGCTTGAGTTT
TAT

>SEQUENCE:1297:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCATCGCGGTGGCGGGGCCGCCCGGGCAGGTACCCTTC
CATGATGTTGAGGAGAGACTCTCCTATCCTCACCACACCAGAGAGTAGGTATGCAGGTTG

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CCACCAGTGTTCTCCTCCCTACCCACTCCCTCACTTTTCTTTTCATTGGTTCAGTAGAAG
GAGGGGCTGTGCAGTAAGGCTGCCGCTTGAGCACAGGGACAGCCGTCAGTGCAGTGCTGG
TCTCCTGTTCTTGGAGGCACCTCAGTCTCCTTGACCTCTTAGACACCCTCCTACCCCCAA
GGTGGGGAAGGAGCAAGCAGAGGCCAAAATCCCAGCCCTCCTTGTTAAGACTACAGTGACT
TTCCTCCTCTCCCTTCTCCGTGTCCGTAATGCATAGCTGGAAGGAAGTGTCTGGGTGGTG
ATGCCAGTAGCTGTGCTGGTGCCATGCCAGGTGCTCTTCATGAGCACCAAAGGA

>SEQUENCE:1298:prostate_MPM2000-004P4Novel007_8Table3

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CTACTATAAATTCATTCATTCATATCTTTCCCTCATTCTTTTCAAGTTTTTTAAAAATGTA
TTCTATCCAACCTTACATGTAAGCACTTTGCAAACACTCACTCATTTACTATGAATAACAA
TCCTACTATATTCACAATTATCATTTCCCCGCTTTACAGAAGAGGAAACTGAGGCACAGA
GATTAGACAGTGTAGGCAGGATTCAAACCTCAGGTGGTCTGGCTCTACTGTCCTTGCTCTT
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>SEQUENCE:1299:prostate_MPM2000-004P4Novel007_8Table3

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TAAATGAAAAGTAATAACCCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT
AGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCAT
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CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTCTG
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>SEQUENCE:1300:prostate_MPM2000-004P4Novel007_8Table3

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AAGAGGCCAGGATTCCTCAAGGCCCAGGTGACTCAGGTTATTCCAAATTATATTTGGAC
TACCAGTTCCTTTGCTTGATTGTTGGGATGCAAAAGGGGACTTCTCTCCCTAATCACTAAAG
TAGCTTTTCAATGTCCCCCTCTCATCACGGTAAGAGTCTCATTTCTTGAGACTCATTTTC
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>SEQUENCE:1301:prostate_MPM2000-004P4Novel007_8Table3

GGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCC
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TTTAAATAGTAATCAATGCCATGTATTTGATGTATATGTTTCTAAATTAGAAATTTCTT
TTGGCTTTGTGTTTTTTAATGTGCGTTAAATATGTAAACTGAACCTGTTCTTAAATGC
ATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAATAATT
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>SEQUENCE:1302:prostate_MPM2000-004P4Novel007_8Table3

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TCACCAGTGTAATCTATCCACCTTCTGCATCCCTGTCACTGAGTAGCTGGGTGATTCTGG
GAAAAACAAATGCTCAGAGTTGTCTTCCCAAAACCCAGCTGAGCTCCCAACACACCTTCC
AATCCCTCTCAGTTTCTTCAGCAATCATCATACCCTAATACCATGAAATTCATATGCAC
AACTCTTCCCCTAACTGCAGCCCAAGAAAAGCTGAAAACTCAAATCCTGTTATAGCT
TCCCACTAACCTCATCTATATCCACATCTTCCAGACCTCTTTCCTGTCAGGTTC

>SEQUENCE:1303:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGGAACAA
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TAGGAACTCAGGGGAGAGTTGCCATGAAGTAAATTACACAGAACTAAAATCTGTGTTAGA
TAACAACAGGGAGATGTCAGTTTGGGACTCTCCTCCAGGGAGCGGAAGGAGTTTAACTT
ACTAGAATGAAGGCAATTTTGAAGAGTGAAGGGCACAGATGAGAAAATGGAGAACGGGAC
CTTTGGAGAACCTAAGAATAAGGAAAAAGAGAAGCGAAGGAAGCCAAGGCACAGCGGAA

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GTTCCAGGTTTTACCCTGAGGGAAAGCCACATTCCATCACA

>SEQUENCE:1304:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC
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GTTTATTACCTAAAGGAGCTATTCTGAAATTTTATGTAGAAAAATCTTCTTCTGCTCCA
TCCACAGAAGATTTTTTATCCATAGATATTTTGGCATCTCCTTTCTCCTCTTTCCTTTG
TTGTAGATGATATGAAAAGACTGCTTTTTTCAAAAATTGTGTTTTTAAATTGGTGAATGT
TGCCATGCCTAAAGTGATCTCTGAGATATCCTCCTTTTGGGTATAAACATTTCTGTAA
TGTTGTAAAGAGCTTTCTATAATAGACACAGTAGACTGTATTTAATTTTTTTCTCCCTTC
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>SEQUENCE:1305:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGACCGACGACCTG
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C
CAGTCCGGTCCTGCGGGGAATGGCCAGGGGCGAGCGCCAGGCCGAGGCGGGCGCAGCCA
GC
GCCGATGGCGACGAATACGACCAGGGGACGGCGCGCAGCCAGTCCTGATCCCCAGGTGCG
C
GCCCGGCGCTGGAGGGCCGCCACTGTTTCATGAAACCGCGCACATACCGACATTCGTGCT
TTTTGATAACTGAGGGCAAGTTTGTGTCAAATGTGGCAATGAACCATGAGCTTTCCAAT
ACACCGCGCTCACGCGGTCTACCGCGGCCAGTCCCAGGAGCAGCGGCGCGCCGAGCG
C
CG

>SEQUENCE:1306:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACATTA
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TCTCTGGAGGCTGGGTATGTTGTAGATGTGGCTCATAGAATCACAGAGTTAAAGGGCAAC
TGGAACCTCATCTAACCAACTTCTCATCCAAGCAGTTTCCCTCCTATAACATTATACATAG
CCAGTCTCCTAATATCCATTTACATACTTTGAGTGACAGGAAGCCTGCCACTTAATGAAG
TGATCCATTTTCATTTTAATAAAGCTCATTTTTATGTGGTAAACTGTTTCAATATCCCAGG
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>SEQUENCE:1307:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACG
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TCTGCTAAAACCATGGCTTTAAGTAAGGAGGGAGCAGATATATAAAAATCCTTATCCCTC
TTTCTAATCTCTTATGTCCTGTGAGTGTCAACCATGAGTAAACCAAGTGGGAGTCAGC
AGGAAAGTAGCTGGGATGATGCAGTCTTACAGGCACCTACAATGAAGTGGTTTGTCT
TGGCTAAAAACACCAGTTTAGAGAGAGTTCTGTCATACTTCACGAGCTGACTCTGCAATA
ATACACTGCAGATCTTGCTGGAAGGAACAGCAAAGATACCAGTAAAGATGTCATCTGGCC
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>SEQUENCE:1308:prostate_MPM2000-004P4Novel007_8Table3

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AGCCCTAAAGTAGGAGACAGTCAGATGGGAGAGAGTAAAGAAGAAGACATTTAGGCCA
AATGCCTGAATACCATACCCTGGAGTGGTCAGGTTGGTTCTCTGGTGGGAACACGAAGAT
TCTCCTGATCTTCTCCTCCCTACTCTCAACACTCTCAACATTCGTAGTTTTTACCTTCAC
TAAATACTCTTTCCTATATTATAGTGATGTTACCCCTTTATCTACTGGAACTTCTGAAG
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>SEQUENCE:1309:prostate_MPM2000-004P4Novel007_8Table3

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CTTTCTCTGTGAGGGCTTTCTCTCCAAGCACTGTTCTGCGGTCCAACCCTACCACTGTC
ACTGTCAACTCATACACAGGCATACACATACACAACGCATACACATGATCACTATTCAA
ATGACCATTTTCCTTATTTATTGTTTATCATCTACCTCTCCACCTCGCCACACCTTCCC

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CCCAAGGCGAAGGTAGGCTTCGTGAAATCTTAACCTTGCCTGTCTTATTCAGTGTCTGTAT
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CTCTCTCCTCTACTGAAACTATTGTTGGCAGTCACCAAGGACCTATTCAAAACAGAATCT
TTGGCCAGGCACTGTGGGTACGCCTGTAATCCCAGCACTTTGGGAGGCCGAAGTGGGCA
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>SEQUENCE:1310:prostate_MPM2000-004P4Novel007_8Table3

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C

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ATTTTAAGGCTGGATCTTAGAGGTTATCTAACTAACCTCTCCATTTTCATAGATAAGGAA
AGTGAGTCCCAGAAAAGCACTGGTTTGGACAAGTTCAGAAAGCTAAACAGTGAAGTGTGGA
TGTATGATTCTGTCTCTTAACCTCCTAATCCAAATGTCTTCTCACTAGATAAGGCTGTGCC
TTCTACATTTGAAGGCTCAAACCCCATGGATGGATGGAGGGAAGGATGGGTGGAGGGATG
GAT

>SEQUENCE:1311:prostate_MPM2000-004P4Novel007_8Table3

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TTTACTCCTCAGTGATGAGAACAACCTTCCCAAACAGCTTTGCAAGGGCAGGAGAATGAT
TAGAACTGCCATCCCAGCAAGGCACGATATTCCTATCTCCATCCAGAGTAGGGCAGTCAC
TGCGATCGCCTGCAGTGGTCCTGCCACAGGAAGTGTAAGAACAAGTGTACCTGATCAAA
CTTGTTACATCATTGGACAGCAGATTGACTATCTGGCCTGTGGTTGTCTTCCCCATGGC
CATGTTACTAAGACGAAGTGCATCTGACAGAGAACAAGCAATTATTTTTTCAATGAAGCA
AAGA

>SEQUENCE:1312:prostate_MPM2000-004P4Novel007_8Table3

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ATAAATAATTGGGTTGGCATTAAAGTTTTATGGGATTCACCTTTGACTTTAATAATTTTTT
TGAGACAGGATCTTGCTTTGTTTGCCTAGAATTTCTTAATTTTCTTTCTTAATAAATA
TGATATGAGGAGAACCTTCTTCATTGCTTATATTGGATAATAGTATTAAAGTTAGAAATA
GCCTAAGGGAAATTTACTTGATTTTTTTTTTCAAGGAAATATACTAAAGAAAAAGCTGAT
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>SEQUENCE:1313:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGATTTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTATTTTATACCACTC
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TGCAACCTTGTGCCTCACATAAATCAATGAGAAACAACTACAACAGGGACTTCTGATAT
AATGTGCCCTAAAGAAAATTTGTTTCTGGCCTGTTTTAATAAAAATTAATAGCTTCCTT
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AACCTCCATGTCCCAGGCTCAAGCGATTCTCCTGCCTCAGCCTCCCAAGTGCTGGGACTA
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>SEQUENCE:1314:prostate_MPM2000-004P4Novel007_8Table3

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AGATGAGGTGTGGTCATGGGGTTCAGTTTCAGAAATGTGTTCTCTCTGTTGATCGTTTCT
GGAGGAAGAAACATGGGGATGTGTTTAGAGGGGAGGATATGCCAGCTACTTATCATAGGA
AGTCTAGAAAAGGCAGCCATAGTGAGGTCACTATTTGAAAAGGAGTAAGAAGGAATGTAT
TGGGCAGGAAAGAGTGTGCATAGACTCTTCTAGGTGAATCAGGTGAGCTGTGTTCTATCT
GCGGAGAACTAGTGATGGTGGGGCAGACCAGGCATCTTCCCCTCCACTTGTATAGGGGT
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G

>SEQUENCE:1315:prostate_MPM2000-004P4Novel007_8Table3

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AAATGTCAGTAGTAATAAGGCTTAATCATTAAAGATTAAGAATATTGTTATATGTTTGGAA

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TATGCTAAATTTATATGCTCTTCTTTGACCAAATTCAGTGTCAAACAAATGTCAATCACG
TATCTGATTTATTCCCTGGTCGGCATTACTGAAAGAAAAATGTTTATTTAAATCAGCATG
TTTCAATTTATTTTATTATTTTTTTTATACTTTAAGTTCTGGGATATATGTGCAGAACTTG
CAGGTTTGTTACATAGGTATGCATGTGCCATGGTGGTTTGCTACACTCATCAACCTATCA
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>SEQUENCE:1316:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCCCAT
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ATGTGCCTTGCTAGCCTGGCTTCTCTACCTGGCACCTCACACTCAGGATGCCAAAAAAG
TTCTGTTTTCTTTCCCGAAATCCTGTTCTCTGCTGCTGCTCCACTGCCACCTGTTTTCT
TTTTCTTTTGGTTGCTGGTTCCCACCAGCCATTGAGATTCCAGCCGGACACACGGGATTGT
CCTGGACTCCTCTGAATTCCTCATCCTCTTCCCCTGGCCCACATCCAGTGGGAGGACCCC
CGTCCTCCCTCGTTCACCTCCTGATGACATAAATTCTTGACCGTGGGCTCTTTGTATCTC
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>SEQUENCE:1317:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTT
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GCCTCTAGTGATCCTACTGCCTTGGCCTCCCGAAGTGTTGGGATGACAGGTGTGAGCAAC
CACACCTGGCCAATAATTTTGTATTTGACATGTATATATAATATCATGTTATACAGATAT
TACAACTGGCTAAGGGGCTGACTCCAGATTTGCTCAACGGTGTCTAAGAAGGAAATTAAG
TGAAGCACACAGAACAACAAGATACTGTCCAGAAGAATTCAGAGAAGACAGACATAGCA
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>SEQUENCE:1318:prostate_MPM2000-004P4Novel007_8Table3

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GAGGCTATTTCTGGGAGGAAATTTATACCACCATTTTCAAGCTGCTGTAAGGTGGAGATG
GTAGACAGCTAAATTAGGGTCTCTCTATAATATTGACTGATGATGGGGGGTGTGGTTTC
TACTTGGCTGAGTGCCTTGCCAATCATTTCTGCACCTGCGGGGCCTGGAGATTGCTGAT
GTGCTTCAGGCATAAGCAAACCATCAAAGGCTCAGCTCACTGGCATACTGACGGTCA
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>SEQUENCE:1319:prostate_MPM2000-004P4Novel007_8Table3

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TTCCTCAAGAAACCCCAAATTCTCCACCTCANGAATGAAAAGTGCATTTGAATTTCAAGA
AGGTATGGGCATGAGAACCTTGCAGTTTTCTAATTTGTGGAGACAAAATAATTTTTATAA
CACCAACCAGAGGTTTCTCTACAAACCCCTTGTAATTCCTTTCTGAGCTCTCTTCCTTC
TAGAATCTTGGGGCATCTGAAAAACTCAAAGCTATGTAAACACAACATAT

>SEQUENCE:1320:prostate_MPM2000-004P4Novel007_8Table3

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CAGGACATATAATCCAGTCCTCCTATCTTCCCACCCAGTGGCTCTTTGCTGTTATAATGT
CCATCATCCCTACCCTGTCTTTCCTTCTCCACCTTCTACTTAGGCTGGATTGAGTCCTAA
TTATTTACCAAGCAACAGTGATGATGAAGCTAATAATCATCATACATGTTTGTGTGTAGC
CTAGTTCAACCTTTAATTACTGCTCTCTCCCCAGCACCTAGAATAGTGCCCAGCCCATTA
TTGGGCTGATAAATATTTGTTGAATAAATGAATACATGAATATTATTCGTA

>SEQUENCE:1321:prostate_MPM2000-004P4Novel007_8Table3

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GGTGATCCACCCTCCTAGGTCTCTCAAAGTGCTGGAATTACGGTGTGAGCCACTGCGCCC
GGCCCTTAGTAGCATCTTTAATGGAGGTAGAGTTGAGATTTGAGTACTAACAATAAA
GGTATTAACGGTAGGGGTTTATATGATACATTTGCATTTTAGAAAACTGATCTAAGCTTC
AATGTGAAGAACAGATTGAAATGGAAGGGGGAGAAGACTAGAAGCAGAAACATTACTCAT
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GTGAAAGCAAG

>SEQUENCE:1322:prostate_MPM2000-004P4Novel007_8Table3

GCGCGCGAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCG
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TTCACGTTGGCGACAACACTTCCATTAAAGACGCGTGCAGTAAATCCTATGATGCAATCT
CCTGCAGCTTAAGTAGCAGACCCAAGCTGGTCTGGCATGATCTATGCACCAGCTTGCAGA
AGCAGTCAGATGAGTCACTGTGTGGCCCTCCAGGGAGAAGCAAGTCCATACTCTAAAAAA
AATATAAATTTTTATTCTAGAAAATACAAAAAACCAGACCTTGCCTACAACTAC
CTTTTGTTTTTAAAGGAAGTCATATTCCAGGCTCTCCCTGTCCCTTCAAAAAAGCTCAA
ACTGGACCCAACACCAAGTCTCTCCCATGAACATTCAGGCGGNGTCTGAGGTGGTGAGGC
CAGCAGGTTTGCCTCGAGAGAGTTTGCTTCAAGTGAACTCCATAGGCACATGCAGCCCA
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>SEQUENCE:1323:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCACATTTGTG
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CAGCATGGTTTAGAGTAGTAAAGGACTGGAAACAATCTCCATGGCACTGATAAGGCAAGA
TGTAGGGAGGAGAAATGGGGAGTGACTGCTCAGATACAGTGCCTCCTTTTGGGGGTGATG
AAAATGTTTTTGAACTTGATAGAGGTGCTAGTTGCACAGCTTTGTGAGTTTTCTACATGT
CACTTAATTGCACACTGAAAAATGTTAAATGTGGGCTGGGGACAATGGCTCATGCCTGTA
AGCCCAGCATTTTTTGGAAGCCAAGGTGGGAGGATCTCTTGAGGCTAGCAGTTCAAGACCA
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>SEQUENCE:1324:prostate_MPM2000-004P4Novel007_8Table3

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GCCCCACCCCGAATTCCTTGAGCAATGACTCATCTTGTTTCTCTGGGCACCTTGGCTTC
ATGAGTCAGTCTCAGATTTGGGTAGAGACGTAGTCATTTAAATCCTCTCCTAGGACAGTC
TTTGATAGCCAAAAC

>SEQUENCE:1325:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAAATCTAAAACACAAA
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AACTTTATGACTACAGGCCCAACATTTAACAACCTTACATAAACTAACATGTG
CTTTTAATGCTGACCTTAGTTTAAAAAGCCTGCCAGTATGGAATGACATTCAAATAAAAT
AAAACCAAATTTAAAAAGAACAGAAATGCAAACCTCAACAATATTCCCATCTTTTGAATCC
TGACAATGTAGAAGTCAAATTCATAATCATCCTAAAAACCAAGGGAGTCATACGACCACA
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>SEQUENCE:1326:prostate_MPM2000-004P4Novel007_8Table3

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CTCACGTGATCCACCCACCTCAGCCTTCCAAAGTGCTGGGATTACAGGTGTCAGCCACCA
CGCCAGCCCCAGAATACAAATTTTTAACATTTAGTATAATTAGACAGTCATGGCATT
AAGGTCAGAGCTTCTTACTCAAATGCAGCTCTTTTCTGTAAGGACAATAAAATGTTAATT
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>SEQUENCE:1327:prostate_MPM2000-004P4Novel007_8Table3

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TGGGGTTTACACAACCTCACCTTACAGGGCTGTAAGATTAGATTACACAGAAAATATATTT
TTTGGCTGTGGGGGCTGGAAGTGTTGCTGATTAGCATTTGAAATCCCATCCTGTGGGTGA
GAAAACCCACCTTATGACTTGGTGGGAAACAAAGCCAACCTCCCACTGATGAAGCTGAA
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>SEQUENCE:1328:prostate_MPM2000-004P4Novel007_8Table3

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CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCTTGGGTCATCGATG
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ACAGATTGAAAATGAGTTCACAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAA
ATCTTGATGGCTTCACAAGACATGCAACAAACAAAATGGAATACTGTGATGACATGAGGC
AGCCAAGCTGGGGAGGAGATAACCACGGGGCAGAGGGTCAGGATTCTGGCCCTGCTGCCT
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>SEQUENCE:1329:prostate_MPM2000-004P4Novel007_8Table3

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GGATTTCTTTGAGCTAAACTTTTCATGAAGACAGGAGAAATGCTTACATCTTAATAACTTC
AAGAGGACATTTTGGTTGGCAAGAGACATTGGGTGATGCAAACCATTTGGTTACTTCCGA
GTATGGTAAGGAGTCTGTTGTGTGGTGTGCAGGTCCCGTCACTTTGTTCTTCACTGAAGG
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TCCTTTGGATAAT

>SEQUENCE:1330:prostate_MPM2000-004P4Novel007_8Table3

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TCAGAAGTGCAGTTCCTCAATGCAGTTAGTATCTTTAGAGGAGTTAGAAGTTCTGATTAT
CAGGCTCTGTAGAATTTTTTTTCATCCTGAGAGAGATGAGGGTGATCCCATGATAGAGCA
GAGAAAACACTCAAGAGGTGGAGTTCTAGCCTAGCTGTGCCTTTTACTAGCTC

>SEQUENCE:1331:prostate_MPM2000-004P4Novel007_8Table3

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CACTCAAAGTTTCTGTAGAAATCTTTATTCTTACCAGTTGTTGGGTTTTTATTCATGAGG
AAAATATTTCTCTTAATGTCTGATTCATCATCTACCTTTTCTGGTTGAATAACTATTA
TTCTAATTCTGGCCAACATCAAACCTGAACATTGCCATCATTCTGGCTGGCCTTCCTTCC
TTAGTGCCTCTTCTGTTTTGTTTCTTTCAGATATTATTGTCAGTATAATTTTAGGATGAT
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>SEQUENCE:1332:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGGGA
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AGGCAAAGTGGACAGAGATGCAAGACAAAATTCAGGTGAGAGAGCCAGAGCATCACTCAG
CCATTCTGACATGTAAAACAGGCAACTAGAAATTTGCAGAAAGGAAGCGAGGTCTCCAT
AAAGATGTTTTTAAAGTGAGCTTGAAGTATTTGGAGACAATTCAGTGTTACATAAAATCT
GCAAATCTCTGGATAAAGAAGCAGAGATCCAGCATGGGACAAATGGAGCCTTAAAGTG
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>SEQUENCE:1333:prostate_MPM2000-004P4Novel007_8Table3

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TGAGACTAATGGCAGAGACTGTGTGTGTTAGGAGGAGTGGTTGTGCGGAGATACTTAAAGG
GATTTGAATGCAACAGTTCATTCAATTTGATTGAACAAATTGAAAATTCATAAATATTCTG
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TTTTTAACTTGAGCA

>SEQUENCE:1334:prostate_MPM2000-004P4Novel007_8Table3

AATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTAAAGTAGGATTCAAGCCCTATTAG
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TCATGTAGAGAAAATAAAACATAGCAAAATATGAATTTTAAAAAGTTAACAATACCACA
CAAAATTATAAACTGCAGAAAAAAGTAACTATATTGGTGTGTTTGTAAATAACATGATCCT
CTAGAGTTTTTTCATTTTTTAATCCATTTTTGGCTATATATTCTTCAATTGCCTCTGCAC
ATGACTTCAATTTGGTAATATCACACAATAATTACACGGTAAATTTTGGGTAATA

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ACCCAGTATTGTTCTCTTCCAGCCCTGCAGTGAAAGCTGCCCATCAGACTCTGAGGAGG
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>SEQUENCE:1335:prostate_MPM2000-004P4Novel007_8Table3

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TGAATGATTACAGAACAATAGGATTGTGGTTTATGTTTCCTATTATGCATATTTGGCAG
TTGAATTATGACATTAGATTGGGACATGGTGAGAGGGGGCAGGATACGGGGTAGGAGGAG
GGGAGCAAGTTACAAAAGGCCCCAGTTCCGGGAAGCTGGGCTGAGTTGTTCTGTTTAACT
TCTTCTTCTTTTATTCCTATGGTTTTATGATTGCAAATTGGCAGTGGCAGGGCAGCTCTG
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>SEQUENCE:1336:prostate_MPM2000-004P4Novel007_8Table3

GCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGGCTTAGCGTGGTCGCGGC
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TAGACATGACTGAACTTTCTAGTCTACACGACTCAAAGGATAATTCATTAATCTAAGCCA
CTCCTGATGGATGATCTTACTTGCTTTGCCAATGACAGGAGTGAGATGACCCATTTCTAG
CAAAGCCATGAGGCCGTATCTGCTGGAGCTTCCAGGGGAAGACTTCCTTGCTTTAGAAGG
ACACAGAAAAATCTGTCTCTCTTTTGCCAGACACGGTTCTGTGTCAGCATTTCCTTCCCAGA
ATTACAGTAGCCATATTGGGACCATGAGGCGAACTGGCGTGAGGATAAACATGGAAGATG
GCAGAGCAAAAAATTTCAAGAACTGAGTCTTTGGTGTTATCACTGAGCCACTGAATTA
ACCAACCTTGGAGTAACATTAATAATAGGATTTCTTGTCATATGAAATGATAGTTTTCTTA
TTTA

>SEQUENCE:1337:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGTTGTAAAAT
TACCAGGAACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATG
CAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTG
AGGATACAGCGCCGCGTCCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTG
GTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGA
AGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGT
TCTTATTTTCTACCGGCTGATATTTGTGGATACTGTATCTTGAGTTGGCATTGCCGGGAT
AGAGACTCTGT

>SEQUENCE:1338:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTATCGGGACTTGTCTCCAGG
AGACATGTTTGGGAAGAAGAGCTAGACTGGAGAATCATGAGCATGTTCAAGTGAAAACAT
GTGAGTGGATAAGAGCAAGAGGGTGAGAACACAGACCAAGGGGCTAAGGGACAGACTGTG
TTCAGTATTTGGGTATGGAACCTGTTTTTGTACTTGCTAGTTCTAAGACCAGGCTCAGA
CTCTAACTTCTCTGTAATGTGGGAATAATGACAGCACTTACCTTATAAGATTTTACAAAG
ATTAATAATATCATATATAACAGCACTTAACACAAGTAAGAATTCAGTAAATGTTGACTGT
TATTACTATTGTCTGGGTCGTTATAAGTTTTGAAGACACAATTGCATAAACTGTCATCAT
TAAAAGGAAAACAGAGAAAAGTAGTTCTGGAAGGAGTCTGAAAGGCATT

>SEQUENCE:1339:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGAGATGGGAGCTCGA
CACATTTTATTTGGAGAATAAAAGAAAATATGCCGTGTCATAAACTAGAGCGTGTTGGGGG
GCATCTGGTTTACAGAACTAAGTCAAGGAGAAGAACTCTCAAGCAATGGTGACATCTGCC
AGCTCTGCAAAGTGGGCCCTGCCTTGTCACACAAGTCTCCTTGGGCAAATGTTTTCTATG
TAGATTTTAGACACTTTCCTGTGACTTTCTCAAGGTCTTTTGGTGACACATGCAGCTTGA
AGCTTTTGCAAGGGGCTGGAGTCTAATCTCTTCTTGCCAGCTTGGCTGCAGGAGAAGAA
GGGAGATATGTTAAGACTTGGCTTTGACTG

>SEQUENCE:1340:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGGCTGGAGTTTG
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CAAATCTACAGACAAGCCCACGCTGTAAAACCTGTGTCTGAACATTTTTCTTTTGGAGAT
GGAGTCTCGCTTTGTCGCCAGGCTGGAGTGCAAGTGGCACAATCTCTGCTCACTGCAAGC
TCAGCCTCTCGGGTTCACGCCATTCTCCTGCCTCAGCCTCCCCAGCAGCTGGGACTGCAG
GTGCACGCCACCACGCCTGGCTGATTTTTTGTGTTTTTAGTAGAGATGGGGTTTCACCAA
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TACCT

>SEQUENCE:1341:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTT
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GCGCGATCTCGGCTCACTGCAAGCTCCGCCTCCCGGGTTCACGCCATTCTCCTGCCTCAG
CCTCCCGAGTAGCTGGGACTACAGGCGCCCGCCACCACGCCCGGCTAATTTTTTGTATTT
TTAGTAGAGACGGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGA
TCCACCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCCCGGCC
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>SEQUENCE:1342:prostate_MPM2000-004P4Novel007_8Table3

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AATTGCTTGACCCTACCTTACAGTTATTCTTAGTCTCAAAAAAGTGAAGGTCTTATCGGT
CCTGGCAAGCTACTAGTAAGCTAGCAAAATTACAACTTTTTGTGCTGGATTTAGTAAAAA
AATGTTTAACTTCTTCTTAGGCCAAAGAAAAAAATCCCTACATAAATGCACAGACATCTAT
AATTTATAACAGAAAGGAAAGAAATGATTCAGTGTGTTTCATGCAAAATTTTTCAAAGGC
GTCTAACGTCTCCATTTAATAGAAGCCATAAAATACTCCTAACTGAGATTTTAT

>SEQUENCE:1343:prostate_MPM2000-004P4Novel007_8Table3

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TTAAGTGGTGGTCCACAAATTGTTGCTGGATGGTGATGAGATCGATTAGGAGTTTATACC
TCAATGTAAATTAATGCACCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT
CATGCCTGTGGATGTCATTGATTTAAATGAGGGCACAAGTTCCGTATTTCTTGCAGATG
GGTCCAGACTGTTTGCAGACTGGCCATGGTCCCTTGGGCCACACTGGAAGAAGAACTGGGC
TAAGTATTTTTTATGCCTGTGATTTAACTTCTCCAATAAACCGCAGCTCTTGTAGGATAT
GATGGTCTGCTGTCAGGCAAGGACTAGATTT

>SEQUENCE:1344:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGATTCTCAATCC
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AGGCAGAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCC
GTTTTCTTTTACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGA
GTTTCAAGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT
AGGTCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTT
TTCTGTCTAGAGGACCATTTCTAGTGGCACTGGGGAAATCTTGGCACCCAAAAGAATTCAA
CTGCGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAG

>SEQUENCE:1345:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGACGCGGGGAAAG
T

CCTCAGTAAAATACTGGCAAATAATCCAGCAGCACATCAAAAAGCTTATCCACCACAA
TCAAGTCGGCTTCATCCCTGGGATGCAAAGCTCATTCAACATACCAAAATCAATAAATGG
TAATCCCATAACATGAAACAGAAACCAATTGACCAAAAACCCACATGATTTATCTCAATT
AGATTGCAGAAAAGGGCCTTCTGAATAAAAATTCAAGCACCCCTTTTCTATGCCTAAAAAC
TTCTCAATAAAACCTAGGTTTTTTGATTGGGAACATTATTCTTCAAAGTTAA

>SEQUENCE:1346:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGCCGGGCAGGTACAGCTAACTCCACCGCAGAGCAAGCAAA
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CCAGGACATAGTGAAGGGTCAGTAAATGTTTGGCTACATTGATCTGCAGAATCCTCACTA
ACACCCCTCCAGCACAAAGCACAGGTCTGTTGAACAAACATCCCCATAGAACCCAACGGAT
CTGCCCTAAAGCCCAAAGAGCCTTGGCCCCTCACCTATTGGGAACATCTTTCCAAAATA
CCACCAC

>SEQUENCE:1347:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
GATGGATATCTGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACATCCCAGCTGAT
TCAGTATTTCTTCTCTTTGAAAACCTCTCACAGAACTGCCCTATAACTTCTACTGACAT
CTCATCTCAATGGCTAGATCAGTGCTATATAACAAAACCTTTCTGCAGTGATAGAAATGTT
CTATATCTGAACTATCCAAGATGTTAGCTACTAGCCACTTATGACTGTTTAGCATTAAA

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ATGTCACCTTGTGGAAGTACAAAATCAACTTTTAATTTTACTTGATTTTAATAAATTTAA
ATTTAAATAGATACATGTGTCTAGTGGCTACCACAATAAATAGTGCAGGGCTAGACCTTA
ATCACATCACTACCCCATCTGCAAGAAAAGCTGGAAAATGAAGGTTTGGAGCTAAACACG
TTGCTACCCTCCACAAAATTATGTTTTTCTTAGTAAGGAAAAACAAACAAAAATGAATAT
AGGCTGGGCAGATAACAGCCTCTGCAACCAAGGGATATTTGCTT

>SEQUENCE:1348:prostate_MPM2000-004P4Novel007_8Table3

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TTGCCCTCTTCTGATGCCACCAATACTTCCAGTGCTAACCTCTCATGTAAGTCTGAGACC
CTTGTCTAACTGCTCCCTACCTTCTCCACCTGCGGGTCTCATTCAACCTTCATTTCAAAG
GTTCTAAAATGGAAGTCATTAATTTCTACTAACTTGTCCCTTTGCCAGAGCCCTTGGG
ACCTAGCTAATATCCTCTGCCACTCCAGGTCTTGTTGGACCCACGTTCCATCAACCAGTC
ATTTGTTGTCTGCTTAGTCCTGATGTTTATATTGCCTTAATTCTTCTCACATCCATCTCC
CTCCTTCCCCTCATCTCTTACCTAAGCCATTAATTACCATGTTTATCCCACCTGCAA
AGTCCTCCATTCACTTCTATTCTAAGCAA

>SEQUENCE:1349:prostate_MPM2000-004P4Novel007_8Table3

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ACCGGTGGTTCTTCTCTATCCCTCCCTATACTCAACTCCTCTCAAAGTCTTTTGTCTA
TGTCATTTTCTCCCTTCACTTTTCTCATGCCTTCTCCTCCTCTGCTCTGCCTCTGCTATA
AGCCTGTCTGTGCAATCCAGGCTCACTGCAAGGTCTTCATGTTGGGACACCGAGCTACTA
GGGTTTCTCATCTTTGACAGAGAAAACGGGGATGATTGACATATAGCAACTTTAACTGG
GGCCTCCCCAAAGTCCAAATCTGAATGTCTTTAAAACAATGAAGAATCAAGTTAATGAG
TCAAGTCTGTCTAA

>SEQUENCE:1350:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTATG
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TGATCTTATACAACCCAAGTTTGAGAAGCATCAATATAGGTCATAAGGAATTACTAAGCT
TTAAGCAGATCAATTTTGTATTTTAGGGTATTATTGTAATAGCAGTGTGAAAGCAGTGT
TAATCTCCCCCAGTCTCTTCCATACAGCCTATTTATAATAGCACACACACAAAATTCTG
CTATTTACCTGACAATTTTACAGCAGTGTGGAAAGTAAAAGAGGAGAGTAGAAAGGTAG
AAGGACAGGTAGGGACAGTAAAGTGAAATGAGAAAGGAATAAACTAAGGCAGTGATTATG
AGAAAAGATGGGGCTAAAGTCCAGAGACATTT

>SEQUENCE:1351:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACACTTA
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ATTTGCTCTCTTTGTAATTAATAAAGAGACAGTAGCTCAGCTAGGCCTTTTAAATGTC
TATATAACCCAACACCACCATAGTCCAGCTCAATTTTTTGTGACCTGTTTTTCTCATGG
GCTAGCTCAAAGATTTTTTTTTTTAAGGCAGCAGCAAGATGAGGTTTTTAAAAGGCTTTG
TTAGGGCAATTAGACATTTTCAATTTTCAAGCTGATTATAGCATTTATCACTTACATTGA
AATTTAGTATTTGCATTTTGCCTCTACGCTTAGAATGTTACCCAACAATATGGTCACCAC
ACAAGTTGATTCACAGGGTGTGTTTGCACATTTCTCCAGTTTTTTGATTAAG

>SEQUENCE:1352:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGAGGTACTTTAGGCTGAGAAATAAATAGAAGGGTGAGAAAAA
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ATGGGGAGAAAGGTTGGCTGGTTGTTAATAAAACAGTAGAGGATGAGCATGTATTATAAA
TGCTGGTGGGAAGAAACCTTGTGGCAAGGAGGGTGGTAGTGTGGAGAAGAAAGAGAGGA
TATAGTAGAAAGTTAAAGAGGAACTGGAAGCAGGTGGGATCCAGGACATAGGAAGGGGAA
GAGCCTTGGGCAGAGGTGAGACATCTGCAGGAGGGAAGGAAGTGAAGAGAGGGAAGGTGT
GCAAATGTGGCAGGAGGAGTTTGAGTAAAGTTCCATCTGATATCCTCTATTTTCTCTGTA
AATCATTCTGAATGAAGTATGAGACAAAGAGATCAAAGGCTAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAA

>SEQUENCE:1353:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGTGCTCCACCGCGGTGCGCGGCCGAGGTCTTTTTCTTTTGGGTA
GTTTTTTTTTAAATATGGAGTTTTAGATTGCATTTTAAAATTGCCTATTGTTACTACATT
CCTAAGCTCTTTCAATATCTCAAGGATACTGATACACCTATGGAATCCCTTGATATCTCC

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TTGCAGATTGCGCCCTCCTGTTAGCTCCTCTCTTCCCTATGTTGCCCTCCTGCTTTACGA
GACTGATTGCTTTCCACATCACTGCACAGTGGACATTCTGGCATTGACTTTTCATTGTCAT
CCTGCGTTGGAGACCATATATCTCTTTTTTTCTTAGTTAATTCCCTCATTGCTTATCA
CACTGTCAGTAACTTTGTATAAAAGGACAAATTAAGGTTAAAATTTTTTGGAGTTTTTT
TTTTGGCCCCAGCTTTTCTATATATATTTTTTTTCATG

>SEQUENCE:1354:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATGGAACCTCCACCGCGGTGGCGGCCGAGGTACAGGTTCTTT
GAATGCAGTATTTATTCACATAGTTTTTCATTTTCTGTCTGACAAAACTTGGTGATGCT
TGAATGATTACAGAACAAATAGGATTGTGGTTTATGTTTCCTATTATGCATATTTGGCAG
TTGAATTATGACATTAGATTGGGACATGGTGAGAGGGGGCAGGATACGGGGTAGGAGGAG
GGGAGCAAGTTACAAAAGGCCCCAGTTCCGGGAAGCTGGGCTGAGTTGTTCTGTTTAACT
TCTTCTTCCTTTATTCCTATGGTTTTATGATTGCAAATTGGCAGTGGCAGGGCAGCTCTG
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AGAGGGTGGCGCTAGGAAATATAGAA

>SEQUENCE:1355:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTATG
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TGATCTTATACAACCCAAGTTTGAGAAGCATCAATATAGGTCATAAGGAATTACTAAGCT
TTAAGCAGATCAATTTTGTATTTTAGGGTGATTATTGTAATAGCAGTGTGAAAGCAGTGT
TAATCTCCCCCAGTCTCTTCCATACAGCCTATTTATAATAGCACACACACAAAATTCTG
CTATTTACCTGACAATTTTACAGCAGTGTGGAAAGTAAAAGAGGAGAGTAGAAAGGTAG
AAGGACAGGTAGGGACAGTAAAGTGAAATGAGAAAGGAATAAACTAAGGCAGTGATTATG
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>SEQUENCE:1356:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAAAGAGGGCAT
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GCTTTCCACAGGCTACACACACAAAACAGGAAACATGCCAAGTTTGTTTCAACGCATTGA
TGACTTCTCCAAGGATCTTCCTTTGGCATCGACCACATTCAGGGGCAAGAATTTCTCAT
AGCACAGCTCACAATACAGGGCTCCTTTCTCCTCTACAAATCCAATGTAGGCCATTGTAT
TTTTGCAGTGAGCGCAGTTGAATTCTTCTGGGTGCCAAGATTTCCCAGTGCCACTAAGA
ATGGTCCTCTGACAGAAGAAAAAGAGGCCAACTAAGTTTGAGAATAAAATTTCTCCCCCG
CGTACCTGCCCGGGCGGGCGCCCGGTCAGGTTCCAGTCGG

>SEQUENCE:1357:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGG
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GAACAAATAACTGGCTACTGAAAAATAGAGTTGGAAATTGTATGTGATTAGGTGTGAATA
TTTTGGGAAATTAGTTCTGAAATAGGCCATCTTCAGAGGAACTGATGTCCTTTGGAGGCT
TATTGGTGAAGGGAGAGAAGGAAGTAAATGAAGGTAAGTGTCTGTTTAAACAAGATATCAAA
GAATCCAAAAATATCCTCCATAAAGGTGTGTGATTTTTTTTAAAGGAAATCGTGATTTATT
TTACAAATAAAGCACTGTGCTCCTGAATGAAAAAACAGCCCCCTACACTTGTCCATAA
GATTGTTTACTATTGTAACGTGAATAGTTTATACCACATGTGAAAAAAAATCCACACAA
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AGTTCCTGTAATCCCAACACTGGAAGGCCCAGGCAAGAGGATTGCTTGAGCCT

>SEQUENCE:1358:prostate_MPM2000-004P4Novel007_8Table3

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TACTATTCACTAATATTATCTGTGACTAGAATTATTCTTCTGTAGAAAAACATCATTT
GTGATAAGGGATCAAATAGTTTTTTTGA AAAAGACTTTTTTAAAAATTTAGTTTTAAAAA
ATATAACTTAAATGTGTAGACATTTAATGCTTATCTTTCTCCATATTCCTGCTGATCTG
ATATGTATGTTTTAATTTATTCATTATCGAACATGTGTTAATCATTTAGAGGTGATGGA
GGTTCAGAGTTGGAAAGGCATCATCATAGTCTAGACAATGAAACCCACATAATTAATAAT
GTATAACCCAATTATTGTTAGTTTAGCAAATAGGATTTCAAGAAGCCAGTGCATTTCTCG
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AACAAGAAAA

>SEQUENCE:1359:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCTTTCTATATTTAGATTCTA

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TCTTTGTCAAGCAAGATGACTTGTTTGACAGGGCTCTGGTTTTTCACCTCTGAAAAGCTA
CTCATCCACAGAGCTTGGGATTGAGGGGAGAGGAAAGGGGGAGGAGATCTGGCTTCTCTC
TCCAACCTCTGAACAGATTGGGATCAGAATAGGCCCTTTTACATCCCTAGCCAAGATGCC
TGGGCCTTGGCAGTTGTCCCAGGACATAGACAATGGGGTCTGATGGCAGCTTCTCAGACC
TGGCTTTCCCTGGGCAAGAGGCTTTTCCTGAGGCTGGCAATGCCATTTCTTCAGACTCAG
AAAAGGGATTAGGGAGGGGGGAAATGGGGACTGCAATGAGGCAACTCTTGACAGCTTACC
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>SEQUENCE:1360:prostate_MPM2000-004P4Novel007_8Table3

GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGG
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AATGATTATTCTTTAAGTGGACATTTAAGACATGAGCTTTTAAGAGCAGCTGAAAATTAT
TGGTGTTTACTATGGGTTTTATCCATTTGTATACTGTTTTTTTTCTCAGCTATCTTCAA
AATAGCCATAGGAGGTAGATTCCATTATTATTTACTCTAAAAAGAGAAAACCTGAGTTTT
AAAGTGTTAAAGTGGCAGGACCAAGATGAAGATACGAGGTGAAAGTAACTAAAGGTTGTT
AGCATAACAATTCAACCAAAGATGCAATTGAAACAATATGTCTTTGCTGTCATGTCTAGA
CAATGAGATGGCCAGATTGCAGGCAGCATATTTGCAGTGACTCTCCAAGGCCTGCAAGGT
TAGAGCTGGTCTAGGTAGATGTTTGCAGCTGGAAGTGGGAAAACATCCAGGCAAGCAGGG
GGTTAATCCTGGTATT

>SEQUENCE:1361:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGC
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GTTGGTTGGTGTGTATCAGAAGGTGAGGAGACGGGTCAAAAGTCCCTCACTTAAAAAAA
AACCTTTTTATTTTGAATATTAGAGTTACAGGACAGCTGCAAAGATAATGCAAAGGTTT
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ACCAGTGTGCCCTTGGGCAGGTACACCACCTTAGCAGGCTCCAGTTTTATCACTGAAAG
CAAGATAACAGGGTTTCGCTCACTGTCTTAGTCAGCTTGAAGTCTATAACAAAATACCA
TAGCTGGGCACGGTGGCTCGCCTCGCGGCGCCCGCGTACCTCGGCCGCTCTAGAAGTGT
GGATCCCCCGGGCTGCAAGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG
GGGCCCGGTACCAACTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATC
ATGGTCATAGC

>SEQUENCE:1362:prostate_MPM2000-004P4Novel007_8Table3

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GTTGGGATCCAGCGGAAATCCTGTGCTTACTTTCTCTTCTCTGCCAAGTGGAGAGTA
TGTCTTTTCATGCTCTGCTGCCTGGAATTGGAAAAGAGGTGATTTGGATAATGTAAACT
GTCCTTCTATCCTCTTCAACGTATCTTTTATTATTATTGTGCTACAACCAGACACTGTG
ATCTTTCATCTGGTTTTCTTAGATGTTGTAAAGATATTGTGTGCATGGACCAGGTATGGT
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>SEQUENCE:1363:prostate_MPM2000-004P4Novel007_8Table3

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CCTTAAAGTCAGAAGACCTGGTTTTAAATTCCAGTCCCTCCATGTGAGGTCCTCAATTC
CTCCTTTATAAAACACAGATGAAAATGAGATGTCCTTCAAGTCTACAGTGGATCTGAAGG
GAGGGCTATTATTTTCTGTGAGACGAAAAAGAATGTCACTGACATGGCCATGAATCCGCA
CAAAA

>SEQUENCE:1364:prostate_MPM2000-004P4Novel007_8Table3

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TGCCACAGTCTTGACTCACTGCAACCTCCACCTCCTGGGTTCAAGCGATTCTTGCTTC
AGCCTCCCAAGTAGCTGGGATTACAGGCATGCACCACTGCGCCAGCCTGCTTCACATTT
CTTTATGGGATCTTTATTTTCAGTGTTGATGAATTGCAAGAGGATGTGCTCATGGGCGGG
GCCCTTCCTTCATCCTCTTCTGGGGTGAGCTGGTTCCAAGTACCTGCCTCAGC
AAGGGCCTGCTCTTCTTCTTGGGTTGCTTTCCAGTCTGGACTTCACAGACCTGTC

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TTCTCCCTCCTTTCAACTCTGTTTGCATATGTTC
>SEQUENCE:1365:prostate_MPM2000-004P4Novel007_8Table3
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CCTAAGCTCTTTCAATATCTCAAGGATACTGATACACCTATGGAATCCCTTGATATCTCC
TTGCAGATTGCCCCCTCCTGTTAGCTCCTCTCTTCCCTATGTTGCCCTCCTGCTTTACGA
GACTGATTGCTTTCCACATCACTGCACAGTGGACATTCTGGCATTGACTTTCATTGTCAT
CCTGCGTTGGAGACCATATATCTCTTTTTTTCTTAGTTAATTCCCTCATTTTGCTTATCA
CACTGTCAGTAACTTTGTATAAAAGGACAAATTAAGGTTAAAATTTTTTGGAGTTTTTT
TTTTGGCCCCAGCTTTTCTATATATATTTTTTTTCATG
>SEQUENCE:1366:prostate_MPM2000-004P4Novel007_8Table3
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A
CCATGCCTAGCTAATTTCTTTCTTATTTTTGATAGACACAGGGTGTCACTGTGTTGCTCA
AGCTAATTTCAAAGTGTATCTGAAGCAATGTCCCTGCCTCAGCCTCTCAAAGCGGTGG
AATTATAGGCATGAGCCAGAGCTCTATTATTCTAAGCTGCGGGCTGAATTAGTTGGATAC
AATAGTGATGACTGTATTCAGGGCAAAGAAGAAAGTAATTGCAGAATTATTCAATAAAAT
TTTATGAAGGGTTCATACAGAGATATCATGATTAAGAGATGGAGAATTATCTTTACTA
TTAGTGACCTTGGCGTTTTTCCAAGGCTTGAAAGGCATCT
>SEQUENCE:1367:prostate_MPM2000-004P4Novel007_8Table3
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CTAGTATATTGTGCAGGCCGGGCATGGTGGCTCGCGCCTGTGATCCCAGCACTTTGGGAG
GCCAAGGTGGATGGATCGCCTGAGATCGGGAGTTCGAGACCAGCCTGGATAGCATGGCGA
AACCCCATCTCTACTAAAAATCCAAAAAAAAAAAAAAAAAAAAAAAAAATTAGCTGGCTGT
GGTGATAGGAACCTGTGATCTCAGCTACTTGGGAGGCTGAGGCAGTGAACCCGGGAGGCG
GAGGTTGCAGTGAGCTGAGATAGCACCAGCCTGGGCAACGGAGCGAGACTCTGTCTCAA
AAACAGAAA
>SEQUENCE:1368:prostate_MPM2000-004P4Novel007_8Table3
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CAATGCATGCTGAGGGCCTACTATGCATGAGACACTGTCCTAGGAACAGAGGTGGTTCCC
TGGTGGCCCTACTACGTCATTATCATTGTGGATTTTGGATTGCAGAATTGAAGTACA
CATTTTTTGATGGCACATGTCTTGAGGGAGAGACTGCAGTAGGGCAGGTGAATCTTTGCC
ACCTGTGCAGACCCTAATGTTTGCCACAATGTTTGTATCTGGTTGACAGCTGAGCGTGAG
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>SEQUENCE:1369:prostate_MPM2000-004P4Novel007_8Table3
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TAATTTTGTAGTTTTACAATGCTATCCTCTTTTACAAAGCTATGATCAACTCAGTGTGTC
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>SEQUENCE:1370:prostate_MPM2000-004P4Novel007_8Table3
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TCCTCCTTCTACTTGCTCCTTAAATGTCAATGTTTTCCAGGGTTCCATTCTACATTTG
CTCATTCTTTCATCCAACCCTCATTCGCTCTTGACTAAAATTTGACCCTCTCAGAATCAA
GAGGAGTTTGAGATCCTCTTTGCTACCCACACTTGTTTTCAAACCATTAATTCCCCTCAT
CTTAAAAAGCCCTCTGGGCTGGGCACAGTGGCTCAACACTTTGGGAGGCCAAGGTGGCAG
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>SEQUENCE:1371:prostate_MPM2000-004P4Novel007_8Table3
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CTTAAATCCACATTCCACATGAGTTTGTCTCTTTTTAGATGTATATTTGGGAAGTTGCT
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CGGATCACGAGGTCAGGAGATCGAAACCATCCTGGCCAACATGGTGAAACCCCGTCTCTA
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GGGTATCCAGCAGGGATACCTAACTAAGCCCCACTGGGGAAGGCATCCGAACAGAGGGGA
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CTTCATATGCACCGCGAAACCATAGAATACAGCTGCACACGCGACGAGTCTTTTCTTTAT
CAAGTAGAGGACCATCAGGACCAGGGAGGCGACAATAGAGTCCGCATTACCGCGGGCTGGA
TACTGCCATAGGCAGGGGGTTAAGAAGCCAAAAGACACAGTAGCCACAAGCCTGGCGGCG
CCCCAGCCCCCTTCAGCAGCAGCAGGCGGTATAAGAGGAAAGCGGTGAGGAGGTGCGCAGCT
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>SEQUENCE:1374:prostate_MPM2000-004P4Novel007_8Table3

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CTTTAAATTACTCTCCACACTCCTCCCACCCATAAATTTTTTTTTTTTTTTTGGAGATG
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TGCTTCTTGCCCGCCACTTCCAGCATTCTCCTCTGCTCAGCTTCTGAGCTGGTGTGAG
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>SEQUENCE:1377:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1378:prostate_MPM2000-004P4Novel007_8Table3

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AGAGGAGACTCTCCAAACATAATGCAAAGAAGATATAATCCACTGATAAATAATTTTAAG
GTGACTTTTATTTTTTTTAAACCGGGAAGTATTTGTGGTTTTTTTCGAATTGGCATTGT
AAATAATACCCACATAAGGGGTTTCTTTTACACATTTAATTATTTGAGGGGGGGTAATA
GAACATATATCAGAAATATTGGCGTGGGGCTGGATTGTGATTATATGTGATATTTTACCA
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>SEQUENCE:1381:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1382:prostate_MPM2000-004P4Novel007_8Table3

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TGTTAGAATTTAGATAGACATTAGATAGACAGTGAAAATATTTTAGTCTACAGTTGAAAC
TGTAACAATATTGGTATTGTTCTCAACTACCCCTGGTCTAGTTAAGGGCTTTCAAGTATG
TGTTTGGACCAAGTATTTTCATGTCCACCATCTAGATAGTCCTTGGTCTATTTCCACCC
CATGTGCTTTCTGGTGGGATGATCACATCTGCACCTCTAGTCCCCAAGCTGTCCCTGAGC
TCTGTGCTCACTGTCTCCACATGGAGTGTCCCCTTCCACCTCAAACCTTGACAAGGGTT
GTGTCTCCACACCACCTGCTCCTCCTGGATTCCAGCCCAGTCTGTCTTCTTTCTGT
TGGTTGCCCTGGTTCAGAGCCCTGGGACCTCTCATGTTCTCTCCAGAGTCTCTTCCAG
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>SEQUENCE:1383:prostate_MPM2000-004P4Novel007_8Table3

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TTGGAACCTGCCCTTGTGAAGCTTTCAGTCTAGAAGGGAGACGTGAAACAAATTTTAGC
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GTTACCTGGTTCCGCTTCAGAGCAGACTGGGAAAATCAGGCTTACAATGGAATCAGATGC
TGTGGGCCTAAAACAGCTCTTTAAAATCTATTTTTTTAGGCCAGGTGCGTTGGCTCACA
CCTGTAATCCCAGCACTTTGGGAGGCCAAGGTGGGTGGATATGAGGTCAGGAGGCCGAGA
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>SEQUENCE:1384:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1386:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1387:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1388:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1389:prostate_MPM2000-004P4Novel007_8Table3
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ATGAATGG

>SEQUENCE:1390:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1391:prostate_MPM2000-004P4Novel007_8Table3

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CATGTTTATTAAGTGCTTATTGTGTTAAAGGCAATGAGTGGAAGTAGCTGAAAAATACCC
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AGGTATGGCATGTTTCTCATAATGAAGTTAAGTAGATTAAGGGATTTCTGTTACAGTTAA
CTTTTAGCCTTCAGAAGATTTGACTATGATTAAATGGGTGAGCAGTATAAATTCTGGAAG
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>SEQUENCE:1392:prostate_MPM2000-004P4Novel007_8Table3

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CCAACCTTTATAAAAAATAAGCTTGGATAGAAAGGAAAAATCCGAAGACTAAGGTAGTCTGG
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>SEQUENCE:1393:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1394:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1395:prostate_MPM2000-004P4Novel007_8Table3

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TGCTCATTTAGGAAGAAGGTGGCTTCAAGGAGGAGTAGGGAGGGGAAAGGCATTGCAGGCA
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>SEQUENCE:1396:prostate_MPM2000-004P4Novel007_8Table3

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TTGCTCAAAGATGCTGTCCGTATGCCAAGCGTGCTGCCTTGGGATGACATCAGCTCAGAG
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>SEQUENCE:1403:prostate_MPM2000-004P4Novel007_8Table3

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AGGGAATGACCTGACCTTTCACCATCCTACACAGGAGATGACTGATGACATGGATTGATA
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>SEQUENCE:1404:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1405:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1406:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1408:prostate_MPM2000-004P4Novel007_8Table3

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AGGTACCAGGAGGGTATTGATGTTTGAGGTCCAACTGAAAACCCATCACCTCCTTCCCA
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GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC

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ACCCACCAACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGA
CACAAACTCTTGAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGT
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ACATGAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTC
CAGATATGGGAAGCTTACAGTTTTCAAGCAAAGCTTTTTAGAAAAATTATGGAAGTATT
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>SEQUENCE:1409:prostate_MPM2000-004P4Novel007_8Table3

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TCGATCTCCTGACCTCTTGATCCGCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGC
GTGAGCCACCCATCCGGCCTAACGAGACTTATTTTTACTCAACTAGATGGCGTTCATTCA
TTTGCTTACTCAGCTGTGCCAGGAATTAAGTTGGGCACTGGGAATTCAAAACCAACAAG
ACATTCTCTGTCATCAGGGAAGTACAGCCTAGTATGAGAGATAAACAAATGAACATGAA
ATTATAATTCAGTAACAAAGAATGAGTGTTATGGCAGAGGGAATGTGTAAGAGCTTGGCA
GGGTATCCAGCAGGGATACCTAACTAAGCCCCACTGGGGAAGGCATCCGAACAGAGGGGA
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>SEQUENCE:1410:prostate_MPM2000-004P4Novel007_8Table3

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AACTCAAGTTTATCAAGAAATTGTTGATTTCTTGTTCAACTGTTGATTTGAACCAGGCTT
CTGGTTCAAAGGGCCAGGCCATAGCTACAGCTGCTCTGGTGGGCCAAACCAAAAGCATCA
CTGAGTTTGGGCACTTGAAGTTTCAGACAGCTGGGAGTCTCCATAGAACCGGAAGGGAAA
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>SEQUENCE:1411:prostate_MPM2000-004P4Novel007_8Table3

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ATCCGCCCCCTTGGCCTCCCAAAGTGCTAGGATTACAGGTGTGAGCCACCACGACCAGC
ATCTCCATGTGTCTTCTACCTTTTACATTTATGTCTTTAATCTACCTAAAATGATCTATT
GTATAGAGACTGAGATAGGCATCNAATTTAATTTTTNCATTTGCATAACTAATTGTGCCA
GTATAATTTATTGAAAAATCCATCCTTTCTCTACTGATCTACAATACTCCCGCTGTCATA
TATCAAGTGTCTACATATGTGGTTAGTCTGCTGCTGACTCTCTATTCTGTTCCATGATTT
ATTTGCCAGATTTGTGCCAATATGCACTNTTAAATGTTCAAGTCTTAATTGAAGCTTAA
GCAAAAAAATTNTTAATACCTTGATTGAAATATTTACAAATAAAATCAAACCTTTTAACAT
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GTTGTATTATTATTTGTTTTACATGGTTATAAACTTTCTCAAGCCCCGTTTGAAAAGA
GAAATCAGTAGTTGGCAAACAAATTCGAAGAACAATGGTTTCTTTCTTTTTTTCTTTTT
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GGTCAGGATATATCCCATGACTAAGCCCACAATCACAGTAAATTCTTTGAGCCAGACCAC
ATTTTGGACTCACATTTAATGTAAATCCACATCACTCCAATCCTGCATGATGGCACAGGT
AGATTTTGGGAGCTGGACAATAACAACACTATTGAGTGCATCCCCACGGACCCCAAAATT
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>SEQUENCE:1414:prostate_MPM2000-004P4Novel007_8Table3

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CTATTTCTATCTATCTATATTTCTATATTTCTATATTTCTATTATTCACCTTATCTAT
TTTTATCTTAATAACTGCAGCTTTATAATAAATATTGATAGAGCAAGTCTGACCACCAC
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>SEQUENCE:1415:prostate_MPM2000-004P4Novel007_8Table3

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GCTGATGATTAGAAGTGTTGATATAAGAGGTCAGTTTGGAGTTCCACTCAAATTCATAC
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>SEQUENCE:1416:prostate_MPM2000-004P4Novel007_8Table3

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ACTCATATCTCCCTTTTGTGCAGATAACAACTGAGGCCAGAGAAATCAAATATGTTGC
AAAATCTACATCGTTGAAGAGATGGGTTTCAAATCCAGGTCGGCTTGGCCCTTGCCACGA
CTTCATAATGAAATCCATGGGTGAGTGTTACCAGTTTCTGGTCCATCCTTGCTTATTTCT
AAGGGTCTCATCATCCCATCCACTGTATCACTTTTTTGTACAGGCTTTACTCTTTTCT
ACCATGGAAAAGACTAATGATATTTTTTTCTCCATAAGCTTGGAATATTATCAATCACC
ATAAAATTCAGCCTTCCTCTGGTAACCTTTGGAGACCCTCAGAGCTTTTCTTATTTCCAGA
GACAGGCGGTTTGGATGAGAATTATTCTCTTTTTTACACAAATTGGCCAGATGACATCT
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>SEQUENCE:1417:prostate_MPM2000-004P4Novel007_8Table3

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TCAATTACAGACTGTGTTACCTTGGACAATTTGGCTAAGTCCTTATGCAAAAAAAGTATG
ATGCCATCTACTTAATAGGATTGTGAGGATTAAATGAGATAATTCATATAAAGCCCATAG
CGGAAGGCCTGGCAGGTAGCAAGGGGCCAGCAAATGAGAGCTATTCACGTTGCCATTAAT
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GAAGAAACAACACAAATTATTTGGGGAAAAACTGAAAAATCAAGAAGTTTATGTTGATA
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>SEQUENCE:1419:prostate_MPM2000-004P4Novel007_8Table3

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CATCTGATTATCAGTCAGGATAAGGTAGGCAATTCTCTGGTAACAAACCATCCTCAAATC
TCAGTGCTTATATAGGCACTATTTCTTGCTCCACTAGATGGTTCATACTTGCTCACACTA
CCCATCATGGGTGCTTAGGAGATCTCTGCTTATGGTCACTCAGGAATTCATCTGACAAAG
GAGCCACCACCTTGAATATCATGGGTCACTGTGCCTCGAGGGACTGAGGCAGCTCTCTCT
GTGAGATTGCTGATATGCAACTGGGCTTGGCCTCTTTATTCTTCTTGACCGACTTGACT
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>SEQUENCE:1420:prostate_MPM2000-004P4Novel007_8Table3
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GTTCTTCCACTGCCCTGAATAGGGTGACCATATTTTCCATGGGAACCCGAACCTCCCCAT
TTTAACAGGAATTTAATATAGCAGAGATAAGCATAATGTTTAGACTCTGCGTGACCCATA
GTTACCCCGGAGAATACACAGACAACCTCACCAATCGTTGGGGAGCCAAACAAGCATTTCT
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>SEQUENCE:1421:prostate_MPM2000-004P4Novel007_8Table3
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GCTCCTATTGTCTTTAATATATTTATATGTTTTCTTATTCTACTTTACAAAACCAATATT
TTGATACACATGCCATAACCTTCTCAGCTTTAACATTGCTAGTCATCTCTAATCATACCC
TCAGATTTGACTCTGAATGGTCCTTGTTGTCTCTTCAGCCCCAGTTGTTTCTTTGGCACT
GGCCGTCCTCCTGACCTCTACTGTCTCCTTGGCCCTCACCTGAAAGTCCTTCCAGACTC
ACTTGCCTCTGGCTCTATAAGACCCTGGGTATCACCAGGGCCTCTGCTCCCTTCATAGAA
CCCGTGTCCCTGAGGCCCTACTGGCTC
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ATAATGTCATTTATCATAGATATCCTTATTCTCCAGGGCAGCACTTCTCAAATCCTTGAC
AGTATGACATTTTGGGCCAGCTAATTCCTTAGGGAGGGACCTTTCCTGAATATTCAGGCC
GTTGAGTGGCCTGCTTGGCCTTGACCCGCTCACTGCCAGTAGCACACCTCCCCAAGCTT
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GCTGTGCCTTCTACATTTGAAGGCTCAAACCCCATGGATGGATGGAGGGAAGGATGGGTG
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ACTGTGGATGTATGATTCTGTCTCTTAACTCCTAATCCAAATGTCTTCTCACTAGATAAG
GCTGTGCCTTCTACATTTGAAGGCTCAAACCCCATGGATGGATGGAGGGAAGGATGGGTG
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>SEQUENCE:1425:prostate_MPM2000-004P4Novel007_8Table3
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AGGGATGAATGTGGAGACTGAGAATGAATGTGGGTGAATGGGGACTGTTGAGAATGAGTG
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GTGAC

>SEQUENCE:1426:prostate_MPM2000-004P4Novel007_8Table3

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GGCAAATGTTTTCTATGTAGATTTTAGACACTTTCCTGTGACTTTCTCAAGGTCTTTTGG
TGACACATGCAGCTTGAAGCTTTTGCAAGGGGCTGGAGTCTAATCTCTTCTTGCCCAGCT
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>SEQUENCE:1427:prostate_MPM2000-004P4Novel007_8Table3

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TTCCTGATCCTTCTGGGGTAGAAGGTGCAAAAACCTGGTTTGTATTAGAGACATTAGGAA
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>SEQUENCE:1428:prostate_MPM2000-004P4Novel007_8Table3

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GACCTAAGGTGATCCACCTGCCTCGGCCTCCCAAAGTGCTGGGATTATAGGTTTGAGCCA
CCACGCCCAGCTGTGTTATGTTTTAACACATGTGCTATGTCGCTAAGTGGTTGGAAATAT
GAAATGAGTTGATGTGTTCTTATAATAAGACATCTGCTTTAGTATACATTATTAGCATG
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>SEQUENCE:1429:prostate_MPM2000-004P4Novel007_8Table3

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GCCTGTTATCCAGCTGGCTAACGGTGGAGCTACAAGTGCCTTCGCCTCCAGAATCATGGA
GGTGGGTAATGAGCCATTTACCCTCCAGTGAAGCCCATCCTAAAATTAAGTGCTCTCTAA
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CTCTCCTACCT

>SEQUENCE:1430:prostate_MPM2000-004P4Novel007_8Table3

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GGTTTCACCCCAACCTAATCAATGTCACCAAGAAAACCTTGTAAGTCCAATAAGACAAACA
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TTT

>SEQUENCE:1431:prostate_MPM2000-004P4Novel007_8Table3

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AGAGGGTAGGAGAGTGAGTAACAGGTGGAGCCTCTGTTTTCTTTATAGAAAAAAGTAAAC
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>SEQUENCE:1432:prostate_MPM2000-004P4Novel007_8Table3

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CAAACCCCATGGATGGATGGAGGGAAGGATGGGTGGAGGGATGGATGGATAGATGGATGG
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>SEQUENCE:1433:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1439:prostate_MPM2000-004P4Novel007_8Table3

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CGTATGCTACTACCATGCAGTTTTATCCCTTCTAAGAATCCAAATGCCCTAGTTTAATTT
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>SEQUENCE:1440:prostate_MPM2000-004P4Novel007_8Table3

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GTGAGCCACCCATCCGGCCTAACGAGACTTATTTTACTCAACTAGATGGCGTTCATTCA
TTTGCTTACTCAGCTGTGCCAGGAATTAAGTTGGGCACTGGGAATTCAAAACCAACAAG
ACATTCTCTGTCATCAGGGAAGTCAAGCCTAGTATGAGAGATAAACAAATGAACATGAA
ATTATAATTCAGTAACAAAGAATGAGTGTTATGGCAGAGGGAATGTGTAAGAGCTTGGCA
GGGTATCCAGCAGGGATACCTAACTAAGCCCCACTGGGGAAGGCATCCGAACAGAGGGGA
CAGCTGAGCTGAGTTCAATGAGCCAGTAGGAATTAGGTTGATATAAGTCAAATCATTTAG
TGGTTATGACAACTCTGAAAA

>SEQUENCE:1441:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTTGGCTTTTGTCTTAGAACACCAATG
AGTATATGCTCATTAAAGATAGTTTGATGCAATAAATCCTTATTTTACTTGCCTCTATTAC
TGCATTGTAACTGTTGTCTACTTTGTCTTCTTGAAATCCTACACCTCCCCCAGCCCCCA
CATTTGGCCTATGGAACATTACTTTATCCTGATTTTCCCCCTAACCTTCTGGCAATGCCT
CTCAGACTCCTTCCAGAACTACTTTTCTCTGTTTTCTTTTAATGATGACAGTTTATGCA
ATTGTGTCTTCAAACCTTATAACGACCCAGACAATAGTAATAACAGTCAACATTTACTGAA
TTCTTACTTGTGTTAAGTGCTGTTATATATGATATTTTAATCTTTGTAAAATCTTATAAG
GTAAGTGCTGTCATTATTCCACATTACAGAGAAGTTAGAGTCTGAGCCTGGTCTTAGAA
CTAGCAAGTAGCANAAACAAGTTCCATACCCAAATACTGAGCACAGTCTGTCCCTTAGCC
CCTTGGTCTGTGTTCTCACCTCTTGCTCTTATCCACTCACATGTTTTCACCTGAACATG
CTCATGATTCT

>SEQUENCE:1442:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACA
CGCCACCACACCAGCTGATTTTTTTTTTATTTTGTGTGGAGTCAGGGTCTCGCCATGTTGT
CCAGGCTGGTCTCAAACCTTTGGGTTCAAGTGATCCTCCACCTTCGCCCCACAAAGTGC
TGGAATTACAGGCATGAGCCACTGCACCTGGCCATGTTGTCTTCTTTTTCATTACCCACC
TCTTAATCCTACACATGCACATGTCTAGATAGTATACAGAGATAAACGTGTATAAAACAA
CACAAATAGAAAAAGTATGCATATGTATAAGGGATCTACAAAAACAGAAAAGTCAGAAAA
CCCAAATTAAGAGCACAGTGTGGCTCACAGGCTAATCCCTGCAGAGGCAGCTTTGGGTTT
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>SEQUENCE:1443:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGTGGACTT
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TCGATCTCCTGACCTCTTGATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGC
GTGAGCCACCCATCCGGCCTAACGAGACTTATTTTACTCAACTAGATGGCGTTCATTCA
TTTGCTTACTCAGCTGTGCCAGGAATTAAGTTGGGCACTGGGAATTCAAAACCAACAAG
ACATTCTCTGTCATCAGGGAAGTCAAGCCTAGTATGAGAGATAAACAAATGAACATGAA
ATTATAATTCAGTAACAAAGAATGAGTGTTATGGCAGAGGGAATGTGTAAGAGCTTGGCA
GGGTATCCAGCAGGGATACCTAACTAAGCCCCACTGGGGAAGGCATCCGAACAGAGGGGA
CAGCTGAGCTGAGTTCAATGAGCCAGTAGGAATTAGGTTGATATAAGTCAAATCATTTAG
TGGTTATGACAACTCTGAAAA

>SEQUENCE:1444:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGACCATGTCAGAATTC
CTAGTCTTTTACTTCTAAATTTTATTACATCGTGTGAAATTTAGAAAAATATAAGCTGTT

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TATTTTCTTGATCAAGATAGGTGAAGAAATACAGAAAAGAAAGAAATAATGAAAGCAAAC
CCCAACTTTCAGATTTGGACACACCTTTGCTAAAACTATCAACATTTTCCCCTTGAAAT
TCTGAGTGGAAGATATGTGCTTCCCTAAGTCAGGAGCTGTATATGCACTCCCCACCCCG
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>SEQUENCE:1445:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCTTCA
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TTCTTCAATAGTGAGAAATCTTGCTCCTATTGTCTTTAATATATTTATATATTTTCTTAT
TCTACTTTATAAAACCAGTGTTTTGATACACACGGCATAACCTTCCCAGCTTTAACATTG
CTAGTCATCTGTAACCATAACCCTCAGATTTGACTCTGAATGGCCCTTGTTGTCTCCTCAG
CCCCAGTTGTTTCTTTGGCACTGCCACCCTCCTGACCTCTACTGTCTCCTTGGCCCTGAC
CCTGAAAGTCCTTCCAGACTCACTTGGTTCTGGCTCTGTAAGACCCTGGGTATCACCAGG
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>SEQUENCE:1446:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGAAGATACGGCAGTGAGCAAAA
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GAAAATACAAAGAAATACAACACAGAAAGCACAGGCATGAGGAAGGAGGGCACGGTTCTG
GGAAGGCTTCTTGGCCGAAGCAACCAGACAGCAAAACAGGCTTGGCCAGGACAGACATGG
GCCTGTTATCCAGCTGGCTAACGGTGGAGCTACAAGTGCCTTCGCCTCCAGAATCATGGA
GGTGGGTAATGAGCCATTTACCCTCCAGTGAAGCCCATCCTAAAATTAAGTGCTCTCTAA
CTAAACAAAGAGTTGTTTACTTTTTTCTATAAAGAAAACAGAGGCTCCACCTGTTACTCA
CTCTCCTACCT

>SEQUENCE:1447:prostate_MPM2000-004P4Novel007_8Table3

ACTTCTAGNATTAATTAACGCGGGCTACAAAGGCTCATTAGAATGATGAAAATTCATCTG
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TGGATCGCTTATCTTATTCAGTATTCCTAACTAGTATTTGCATAACTTGGGTCCCTGCTT
TTCTTCTGTTCAAAGCCATGTCATCCTTTTGTTCACTTAGCTACTTCTTACAAATTTTG
ATTAAATTACTGAGCCAAACACTGACTGTTTGAAAGATTGTTTAATGATGATTTTTAAGG
AGGCAACAGCAACCATTTCAAAGCTTCTTTATATCTGGGCACTTCCTCTTTATACATTTT
TGTAAGCCTTGGCTCATAGAAATATATTTAAAAACAACCTGGCTAAATTCTATTTAAACAC
TCAATGGCAATTTTTAAACTGTTGTGTTGCTCATGGAACAAATGTTTGGCATGCCATT
AAAACCTGAAGTGTTTCATGAAAACCTTTCATAGCTCAAGGAGACGGGGAACCTGAAGAGGT
CTTAAATGGCAACTTAGTACCCAGATACACTGTGTACATTCTTCTGGGAAGGACAGGAA
TGTG

>SEQUENCE:1448:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTACCTGCGG
TATCTGATCAGTTTCTGCCTAGTCAGATGTGCCCTGTTGCTGAGCCTGCTTGGGTGGGGA
GCATGGGAAAATGGGGCAAGTGCTTCATGAGGGAGCTGTTCTCAGCCGCCCCCTCTCCCA
ACTCCCCAGCTCTCTCTCCTTGTTCTGTCTCCTGTTTCTGGGCTCTAATCCTGGTCAGGC
CCAATGCCCCCTTGCTGTGATGCTGGGTCTGCAGTTTTGCTCGCCGTCCTCGCTTTGCCT
TCTTGCCCGCCACTTCCAGCATTCTCCTCTGCTCAGCTTCTGAGCTGGTGTCAGGTTTC
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>SEQUENCE:1449:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAAT
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TTGGGACAATTTGTGTTTTGATTATATTTAGAAATCTTCAGTATTTGTCTTGGCCAGGT
GTAGTTGCTCAGGCTTGTAATCGCAGCACTTTGGGAGGCTAAGGCGGGTGGATTACCTGA
GGTCAGGAGTTTGAATCACCTGGCCAAAATGGTGAAACCCTGTCTCTACTAAAAATACA
GAAATTAGCTGGATGTGGTGGTGGGTGCCTGTAGTCCAAGCTACTTAGGAAGCTGAAGCA
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TCCAGCCTGGTGACAAAGAGAACT

>SEQUENCE:1450:prostate_MPM2000-004P4Novel007_8Table3

TTAACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTA
CATCACTGAAGCATTGGTTCTTCAAGCTCACTTGGAAGCCACTGCAAATCTCAGGCTTCT
CCAGAAATCTCTTCTGCAACTGTCCTGATATGTAGCATTAAAGTGAGAGGTTTGCAAAGG
GCCACTTTAAAGCTGCAGTGAATCTTATGTCTGCTCATGCATATGGCTGCATCTGCCTCT

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GGGAAATTATGATCTTTCCTTGGCACTTGTGGTCATCTTGTA AAAATGAGATGTATCCTC
CACCCCAAATTTGATTTGAATATCAAGACTAATGATATCCCAATTGCAGGGTATTCAAGA
GAGTATTA AAAAGGTTTGTTACATAATTGAGACTTTTTGGAGAGAGCATGGCATGCTTTCC
AAGCAATATCCAAAAAATTTGCTTTGAAGGAGAATAGAGACTTGTTTGGCTTTTATTGTG
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>SEQUENCE:1451:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTTCTGC
TGTTCCCTGGGTCTTCAATGACTCAATTTCCACCCAGCAGTATCCTTTAAAGCCATCCTG
CATCCTGAGACAAGAGATTGACAATTCATTGATAAGTAGTCTTAATTGTCACTATTACAG
GGCTGTAGGTCCTTTGCCAGCCATGCCTTTCAAGTCTAAATGGTCTTCAAGGTTGGGCTG
TGTTGTCCAAGAGCTGAGGACCTTACATTTATTGTTCCAATATTTATTGGCTATAATGAT
TTCTGTGGAGCAGTCAGCTGTCAGAAAATTTTGTCTCCTTTGTAGGTAACCTGTCAATTGG
TCTTTGGATTTTTTATAGTCTCCCTTTGTATCTGGTGTAATTTAGTTTCAATCTGTTGT
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>SEQUENCE:1452:prostate_MPM2000-004P4Novel007_8Table3

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CCCGGACTCAAGCAACCTTTCTGCCTCGGCCTCCCAAATGCTAGGATTATAGGCATAAG
CCACTGTGCCTGTCCAAAACCTTTATTTTAAATGACAAAACCTATTTTCCTATAGCTCTGC
TTGGAATGCTGTATTTATCCTAAGCACCAGTTTTGGCCCTAGCTGGCCTGTATACAGCTT
TAGGTAGGCTCTTGATCTAGTTTTGCTATAGGCAGGGTAGATCTCAGTATTTTCAATTTT
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>SEQUENCE:1453:prostate_MPM2000-004P4Novel007_8Table3

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GGCTCCCTGTGGTTATAGGAAATTATCCGTGCAATGAACCTTAATTTAGAAA

>SEQUENCE:1454:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC
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ATTCCTCAGTGAATTATTCAGGGTCTTGTCTGATGCAAAAGACACTTTAAAAAAAAGCA
GAACATTCCTTATCCCTCTTGGA AAAAGAAATAACAAATAATTAAGGCCACAGCGCTCAG
GGACCCAAGTTTATTGGCAATAAAAGGTAGCTGTGCTGACAACGCTACCAATTAATCTGC
CAAAAGCGAGCTCAGTGGTGTGTCATAAAGATCATGTGTTGGA AAACAGGACTGGAGAC
ATCCAGGGATCTATATAAAGCATAGACAACAGTCTTAGCGATCATGGGGCAGCAATGTGG
GCACCCTACCTTCAGCAGATATGGTAGCGGTCTGCGTTCTTTCTGTAA CAAAACCTCCTCA
CTACGTGGAGAACCCCTCAATCCCAAGTCAGCTGTACCTCGGCCGCTCTAGAACTAGTGG
ATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTA

>SEQUENCE:1455:prostate_MPM2000-004P4Novel007_8Table3

GCGAATCGGAGCTCCACCGCGGTGGCGGCCGTCCACAAATGTCTGCAGCTACGATGGACC
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GAGGGTGTGGACAGAAAACCTTGCTTCTCCAGGGCTAGTGGCGAAAGCTATCTCAGGCT
GGCTCAAGTGGAGAGAAAAAGCATGAGATCAAGCAATGGACAGCTGGGGAAGGGCTGGC
TTTTATTTCTCAGCTCCCAAGCTCAGTCCCTGGCACTGGGCCGTTGCCTTTGTAGGTCC
CTCTGTGCCAGGTCTTGCTATGGGGGTTGTTTCTTGGCATTAAAGGTCTCAGTTCAAACG
CCACCGTCTCCAAGAAGCCCTCACTGGTCACCCTATCTAAAGTAACCCTCACTCCTAAGG
ACAAACCTGTTTTTTCTTCTAGCATAGACCACTCTCTGAAATCACCTTGTTCTCCAGT
CATCTGCTGCCCTTGGCTGTTGCGCCAGCTATAACATGGCACTCTGCCTTGCCCACTGCT
TTGTCCCCAGGACCCAGCCCTGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCC
CCGGGCTGC

>SEQUENCE:1456:prostate_MPM2000-004P4Novel007_8Table3

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GCCCGGGCAGGTACATGGCATCAGGTGTGATCAGATGGTGTCCATCTGGCTTTAGGCTTT
GCCGCTGAAGATTTTAATTCAGTAGTCAGAGTCTCCTCTTTGTTCTTCTCTCTCAT
GACTTCTGCAGGTGGATATGCTGGGTGACAAGAAGAGCATTTGCAGGGTTTCTGGTTCTA
GTGCCTTCATTCTTCCACCCCTGGTAATTGAGTTTTCTCTTCAACCCTGATCTGGGTAGC

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CCCTTTAGCTGCTCTAAAGAAGGAAGTGAGAACTTCTCCACTTGCTGGGAGGGTATCATC
TCTGGGGGACAAGGGCAAGACGCCAGCTTGCCTGATCCCTTTGATGCCTTCTTTCCAGT
TTGTCTAAGGGCTCCAGCGATCTGAGAGTTGGTAAGAAATCTTTGTGACTACTGGCATCT
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>SEQUENCE:1457:prostate_MPM2000-004P4Novel007_8Table3

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AGATGGACGGCAGGGATAGGAGCTCTCTCCGCGCCACAAACGCCCTGCTCATACCTGGG
TTCCTTGATTTTCCTGCCTATATAACCGAACCTTCCATGCCCGGGCTCTGAGCTCTCAT
TCTGCGGACTGGGACAAAGGGGTAACTGTGATGAGCTTTGTATAACCCAGGATTCTGC
ACTTGCCCAAGGGCGAGGCGCAAATCAAAAACCTACGCACAACTGAACACCGAGATCAGGT
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>SEQUENCE:1458:prostate_MPM2000-004P4Novel007_8Table3

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CACTACTTGCTGAATAATCCCTGAATGAAGAGACAATATAGTGCAATATTTGACAATGTG
TGCTCTAAATCACACTTTGTTTTAATCAAGCTCACTCAGTATTTATTAGCTGAGGGATGT
CAGCAAGTAATTTAACCAGTCTGATGCTCAATTTTTCTCATTTGTAAAATTGTGATGTTA
ATCCTAATTATAATATGGGATTGTTGAGAATCATGTATTTTGAAAGAATCCAAAACATTT
TTAATCAGTAATCAATCAAATAAAAACTAGAGCCTGGCCGGGCGCAGTGGCTCACGCCT
GTAATCCCAGCACTTTGGGAGGCCGAGGCGGGTGGATCACGAGGTCAGGAGATCGAGACC
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>SEQUENCE:1459:prostate_MPM2000-004P4Novel007_8Table3

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ACATCCTGAGACAGCCTGGGGCCAAGATGCTGTGGCGTAAACAGATCGCTGAGCGATGAT
AAGGTCCTGAATCCAAAGGGCATTGGTAGAAACCAAAGGTGAAGGGACACATTCAAGAAG
CTTTTCCCAAAGAGAATGCCTGGGTGACCAATTAGATAAAGTAGATGAAGGAAACAGAAG
AAACAAAGATGATTCCACAGTTTGTCTTGGACAGGAGGGTAGATGGCAAAGTCATTAAC
TGAGAAAGTGAAGATAGGAAAAAAGAGCAGGTTTGGCAGAGAATGTGACACCCTCAGTT
TGGACCTGCTGAATTCTGAGTATGTTGGAGA

>SEQUENCE:1460:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGATCTAAC
CAAGATATTTTGTCTTCTCATCCACCACTCACTTTCTCAGTCCTTTCTGTATCCCTTGC
AATTTGAACAAAGCTTGGTGAATAGTGTGCACACAAAAAGCACACTAGGTGAAAGACAGA
TACATAAAAAGGGTAAAGTCAGGATATTTTAACAAACCTATCAAGCTCTAAATATAAGCC
TCCTTGGTAGTTTTCTCTTTAACCCTCTCTCCACTGTTGGATGAAATTTGCTGCATTCAA
TTCCAGTTCCCAACCCCACTTCTTCTTAACACAAGGTCAGGGTTAAGCCTTCGGTGCTT
TAATCCAGAGGAAATTACTTATTTTAAAAAGCAGTGAAAAACACCGCATTCCTTTGGCA
CAGGATGAAGACC

>SEQUENCE:1461:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACG
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TTTGGTGAAGTGAAGGGACTTGACCCTGGTTCTCCAGCTTGAGCAGGAGCGTCACT
GCGGTGATCAGGGAAGCTGCCTGGACCAGCTGGCCTGGGGCAGCCACCACCCATTCTCT
CGCCCTCTTGAGAATCCAGCCTGTGGACCCAGGTGTGTGAGCCTGCAGTCAGACCACAG
TCTGTCTCGGGCTGGTGCTGGGGGTGGCAGAAAGGGGGTCTGACGCAACCCCTGCTCCC
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>SEQUENCE:1462:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCTCTCCGATGCC
AGCCCTCCTGGAACCACTCGCCTGTGACGTAGGTGGAGCGCGCACTGCCTCCGGGGCCCG
TCTTTCTCAATTGGGACCGGAAAACGTTGTCGCTCATCCTATGACGCGAAAGTAACCGAG
ACTATCAGGATCCGGAGACGGAAATGTCCGAAGGCCGAGTACCTCGGCCGCTCTAGAAC

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TAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGA
GGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGCGCT
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>SEQUENCE:1464:prostate_MPM2000-004P4Novel007_8Table3
GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGGGGCTCAG
GCTCCTTGCGAGATTCCTAACCAGCATAATGCTGGAGCCGGGAGCCACCAACCTGCAGTCT
TCAGAATGGCCGTGTTGGACACTGATTGGATCACATTCTTCCATCTTCTGTTCTTCCTC
CATTCTGGGCTAAGTTAGTAGTGGGATCGGTTGCCATTGTGTGTTTTGCACGCAGCTATG
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>SEQUENCE:1465:prostate_MPM2000-004P4Novel007_8Table3
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AGCATATTATAAAGGAATGAAAGCAATTAGAGCGTGGACTCTAAAGGTAGGTGAGACTTG
CTGTTCCACTTAGAAACATAGAAACATAGGAAACTAAGGACTCGATGGGGACATCAATAG
TAGGATGGCTTTTAAGAGGGCTGAAGTGTGTAAATATACACATTAAGCTTTGCAGCAACT
CTGTGCCAAATCGAAGTTGTTGCAGACCTGGAATTTTAGTTTGGTAAAGGATAACTGTAG
TTATTTTTTAAATAAAATGATTCATTAGAATTCCTTGGTTCTCTCATGATAATTTAGCAA
GTTTGTCTCTTTCAGAAAGAAAAGTTTAAGTGGGGTTAATGGGTACCTCGGCCGCTCTAG
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>SEQUENCE:1466:prostate_MPM2000-004P4Novel007_8Table3
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CATGCTGGAGCCCTCCATCACCTCAACCACCTCCCCACTGGCAACACCAGACTCCAATTT
GATTTCAACAGGATCAGGACCATACTTCACATCCAGGAAGATGGGGTCGCTCCTCTGGCT
CAGAAGGGCATCTCGAGCTTCACATTGGTAAGTCCCTGAGTCCTCCCGCTGGACAATGAG
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>SEQUENCE:1467:prostate_MPM2000-004P4Novel007_8Table3
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GACCTGCGACTCCTTGACGTTGACAATCGAGTAGTACCCATTAACCCCACTTAACTTTT
CTTTCTGAAAGAGACAACTTGCTAAATTATCATGAGAGAACCAAAGAATTCTAATGAAT
CATTTTATTTAAAAAATAACTACAGTTATCCTTTACCAAATAAAATTCCAGGTCTGCAA
CAACTTCGATTTGGCACAGAGTTGCTGCAAAGCTTAATGTGTATATTTACACACTTCAGC
CCTCTTAAAGCCATCCTACTATTGATGTCCCATCGAGTCCTTAGTTTCCTATGTTTCT
ATGTTTCTAAGTGGAACAGCAAGTCTCACCTACCTTTAGAGTCCACGCTCTAATTGCTTT
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GG
>SEQUENCE:1468:prostate_MPM2000-004P4Novel007_8Table3
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TTAAGAGGCTGAACAACGTGCTGTTTACAGAAAATATGCTCTAGTTGTATATAAAGGAAA
AAGGATTTAAATTCACATTTAACTTGGTAACACATTGAAAAATTGCAGAAAGGTAAATA
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GGCCAAGGCGGGCAGTTCACAAGGTCAGGAGATAGAGACCATTTCT
>SEQUENCE:1469:prostate_MPM2000-004P4Novel007_8Table3
ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGACGTCCGATGACAT
GTTACCATGACACAAAACGACAATGACCACGGCACCAACCAAGAATCATCTACCTCTAT
TACAACCAGACATTTGCACTCAAATAAGGAGGTGCTGCCGTATACTTATCCGTTGCTGGA
GGCAGCATGAATGGGAACCAGACACAGCTTGGAAGCAATCGGGTAACAGAGCGCCAACC

Table 7
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CTGTACCTGCCCGGGCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCTGA
TATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCT
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>SEQUENCE:1470:prostate_MPM2000-004P4Novel007_8Table3

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CAGAGTGTGCAAGCAGAGAGAGGGTGTGGACAGAAAACCTTGCCTTCTCCAGGGCTAGTG
GCGAAAGCTATCTCAGGCTGGCTCAAGTGGAGAGAAAAAAGCATGAGATCAAGCAATGGA
CAGCTGGGGAAGGGCTGGCTTTTATTTCTCAGCTCCCAAGCTCAGTCCCTGGCACTGGG
CCGTTGCCTTTGTAGGTCCCTCTGTGCCAGGTCTTGCTATGGGGGTTGTTTCTTGGCAT
TAAGGTCTCAGTTCAAACGCCACCGTCTCCAAGAAGCCCTCACTGGTCACCCTATCTAAA
GTAACCCTCACTCCTAAGGACAAACCTGTTTTTTCTTCTAGCATAGACCACTCTCTGAA
ATCACCTTGTTCTCCAGTCATCTGCTGCCCTTGGCTGTTGCGCCAGCTATAACATGGCA
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CTAGTGGATCCCCCGGGCTGCAAGAATTCGATATCAAGCTTATCGATACC

>SEQUENCE:1472:prostate_MPM2000-004P4Novel007_8Table3

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GTGAGTGGATAAGAGCAAGAGGGTGAGAACACAGACCAAGGGGCTAAGGGACAGACTGTG
TTCAGTATTTGGGTATGGAACCTTGTTTTGCTACTTGCTAGTTCTAAGACCAGGCTCAGA
CTCTAACTTCTCTGTAATGTGGGAATAATGACAGCACTTACCTTATAAGATTTTACAAAG
ATTAAAATATCATATATAACAGCACTTAACACAAGTAAGAATTCAGTAAATGTTGACTGT
TATTACTATTGTCTGGGTCGTTATAAGTTTTGAAGACACAATTGCATAAACTGTCATCAT
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>SEQUENCE:1473:prostate_MPM2000-004P4Novel007_8Table3

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TCATGACTGCAGTCAGCAGCAGTTGTGTAAATCTAGGGAGAGACTGGTATTTGACACCTG
CAAGTCCTCAAGGTTAACAGAAGTCTCAAAAAGCCCAAGCCCCAGAATTTTGAAAAATAC
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TATCCAGGTTGAAAAAGAATTCTGGCCAGCAGTTTGAAGAAGTGAAAATCAAGATTAGGC
ACAGAGGCAGAGGGTGGTGGGGCCACAGGGCGGGGAAGGATTCCAATCCATGAGACTGC
A

GAAGGGGAAGTGAGCAGCCTCTACCCATACAGACTAGGGTCTCATGGATGCCACTGGAGA
GCATTCCAGTCTCACTGGATATTGGTAGTTCACTAACTTGTGTGAGTCATGATTGTGACC
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>SEQUENCE:1475:prostate_MPM2000-004P4Novel007_8Table3

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CCCCAGTCAGAAAACCTCTGGGAGAACAGTTATCCCCAGACCTCAGACGCTCGACGGATA
CATGAGAAGCTTTCTTTGATGGATTGATGTCAGGATCTCCATGTGAACTTCCACTTAGA
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>SEQUENCE:1477:prostate_MPM2000-004P4Novel007_8Table3

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G

AGTCAGAGCAGGAGTATGAGGAAGAGCAAGAACCTCCCAAAGTTGAAAGCAAACCAAAGG
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CCGCAGAAGAACTTAGGGAGCGAGAATTCCTTGAACGAAAGCATAGGAGAAAAAACTTG
AGACAGATGGAAAACTACCTCCAACCTGTGTCCAAAAAGGCACCCTCTCAGAAAGAAAGTG
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>SEQUENCE:1479:prostate_MPM2000-004P4Novel007_8Table3

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TTGAATTTATGGGCTCGAGTGATCTCGCCTCAGCCTCCTGAGTAGCTGGGACTACAGGCA
CATACCACCACGTCTGGCTAATTTTAAAATGTTGTTTTAAAGACAAGGAGTCAACTTTGT
TGCCCAGGCTGGTCTCAAACCTCCTGGGCTCAAGCTGTCCTCCTACCTTAGCCTCCCAAAG
TGCTGGGATTACATATGAGAATCACTGTGCCTGTCCTGTCCTGTCATTCTTTAAACAAA
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ACATAGATTTAA

>SEQUENCE:1480:prostate_MPM2000-004P4Novel007_8Table3

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GGCTCGATCCCTGCAGATTAGTGAAGAACTACTGAGCAGAAACCAATTGTCCACAGCTGC
CAGCCTTGGGCCATCTGGATTACAGAATCATGGACAACACTTAATATTATCCAGGGAAGC
CTCTTGGGCAAAACCACATTACGAGTTCAACCTCAGCCGTATGAAGTTCAGGGGAAATGG
TGCACTCAGCAACATCAGTGACCTTCCTTTTCTTGCAGAAAACCTCTGCCTTTCCAAAAT
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>SEQUENCE:1482:prostate_MPM2000-004P4Novel007_8Table3

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GTACAGGGTTGGCGCTCTGTTACCCGATTGCTTTCCAGCTGGGTCTTGGTTCCCATTCAT
GCTGCCTCCAGCAACGGATAAGTATACGGCAGCACCTCCTTATTTGAGTGCAAATGTCCG
GTTGTAATAGAGGTAGATGATTCTTGGTGTGGTGCCGTGGTCATTGTGCTTTTGTGTCAT
GGTAACATGTCATCCGACGTGGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA
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>SEQUENCE:1483:prostate_MPM2000-004P4Novel007_8Table3

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CAAATACCACCCAGGCTACTTTGGGAAAGTTGGTATGAAGCATTACCACTTAAAGAGGAA
CCAGAGCTTTTGCCCAACTGGCAAACCCTTGACAAATTGTGTGACTTTGGTCAGTGAACA
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>SEQUENCE:1485:prostate_MPM2000-004P4Novel007_8Table3

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A

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GAGCTACTAAGTTCCTGGCCTCCCCCGAGTGAGTGAAGTGGCGATGGACGGAGAGCAGGAC
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>SEQUENCE:1486:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1488:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1489:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1490:prostate_MPM2000-004P4Novel007_8Table3

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TCTGCAGAAGTGCCCATCCTCCGTTCCGCTGCTGCAAGAGCTTCCGAGCATGGA
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>SEQUENCE:1491:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1492:prostate_MPM2000-004P4Novel007_8Table3

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GCAGCATGAATGGGAACAGACACAGCTGGAAAGCAATCGGGTAACAGAGCGCCAACCT
GTACCTCGGCCGCTCTAGAAGTGTGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT
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GCCCCGGACTGCCTAGTCTAGCCTAGCCGTCTATAACAACCCAGTGGACTGACATTCCA
TCTTGGAATTTATGGAGGTGACAAAAGTGACATTTGAGATGGACCAAACCCAGCCCTTTC
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>SEQUENCE:1496:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1497:prostate_MPM2000-004P4Novel007_8Table3
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TGAAATAAAATAAGATAAACATGAGAACAATAGAAAACCTGAAGGACAACAAAAGGAGGTA
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>SEQUENCE:1501:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1502:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1505:prostate_MPM2000-004P4Novel007_8Table3
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C
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>SEQUENCE:1508:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1509:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1510:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1511:prostate_MPM2000-004P4Novel007_8Table3

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AGACTCTATTGAGGCAAATGCACCATGACTTGCCTCAAGCCCAGCACTTTCCTATTCTTG
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>SEQUENCE:1512:prostate_MPM2000-004P4Novel007_8Table3

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AATAAGGCCAGGGGGCGGTGGCTCACACCTGTAATCTCAGCACTTTAGGAGGCCAGGCGAA
TCACGTGAGGCCAGGAGTTAGAGACCAGCCTGGCCAACATGGTAAAACCGGTCTCTACTT
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GGGAAAAAAAAAGAATTTAGTGTTTCATGCTAAAAAGATATCCTGGACATATTAATTACAT
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>SEQUENCE:1514:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1515:prostate_MPM2000-004P4Novel007_8Table3

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C

GCGGGCGCTGACGCACGAACAAGTGGCTAACTGATTAAGGAGCGCGATCATGGAAGACCT
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GTTCCAGGCACTGCAGGGGGTTCGACCTGGCGGTGCGCAAGGGGGAGTTTATTACGCTGAT
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>SEQUENCE:1516:prostate_MPM2000-004P4Novel007_8Table3

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CGTCAAAGGTAGAAATGTCCTACCAGCGGATGGAGAATCCTGGCTGCCATGTGGTTGAT
GCCAGCCCCTCCAGAGAAAAGGTCCTGCAGACGGTATTAAGCCTAATCCAGAATAGTTTT
AGTGAACCGTAGTTACTCTGGCCAGGTGCCACGTCTAACTAGATTAGATGTTGTTTAAA
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>SEQUENCE:1517:prostate_MPM2000-004P4Novel007_8Table3

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GTTAGAGGGATGCAAGAAGGAGAGGTGAAGGTGGCGTGTGGTGGCTCATGCCTGTATCCA
CACTTTGGGGAGGCCGAGGCAGGCGGATCACTTGAGGCCAGCAGTTTGAGACCAGCCTGG
CCAACATGATGAAACCCCATCTCTACTAAAAATACAAAAAATTAGCTGGGCATGGTGGCA
GGCACCTGTAATCCCAGTTACTTGGGAGGCTGAGGCAGGAGAATTGCTTGAACCCAGGAG
GTGGAGGTTGCAGTGAGCTGAGATTGTGCCACTGCACCTCAGCCTGGGCGACAGAGTGAC
TCTGTCAAAAAGGAAAGGCAAAAACCGGACCCTGGAGCTCTGTGGGCCCTGATTGCAGGC
CCCTCCCTGTGTGATGAGGGATGAGTCAGCTTGGGGAGCCACTTGGCCAGCCTGCATGCC
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>SEQUENCE:1518:prostate_MPM2000-004P4Novel007_8Table3

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GATTCTCCCGCCTTAATTAATTCTAGAAGTACTCTCGAGGGGGGGCCCGGTACCCAGCTT
TTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCC
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TAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCC
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>SEQUENCE:1519:prostate_MPM2000-004P4Novel007_8Table3

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T
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>SEQUENCE:1520:prostate_MPM2000-004P4Novel007_8Table3
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TACTGAGAAGGAGCCACCATTTTGCTTTAAAATAGTGGGTTTTTTTCTTTTAAATGAAC
ACTGGAGCTGAGGATGCAGATTACATGAGTTATTTAATAAGTTGATTCAAGAGAGAGAGG
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GGTTAATTTAATTATTAAGTATAG
>SEQUENCE:1522:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1523:prostate_MPM2000-004P4Novel007_8Table3
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ACTGGCCGAGGAGAAGCGCGAGGGCTACGAGCGTCTCCTGAAGATGCAAAACCAGCGTGG
CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA
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>SEQUENCE:1526:prostate_MPM2000-004P4Novel007_8Table3
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ACCAACAATGGTGAATGGTTAAAAAATATTATGGTGCATACATCCATGAAATCCTAGTTA

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GCTGTAAAAAAGGAATGAAATATTGACATACACAATAATCTGGATGGATCTCAAGAGTGT
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CCTACTGGACTGGAAGCAGAGGGATGGCTGAGCCCACGAGGTTAGTGTGAGGGAGATCCTC
ACAGTAGTGCAACAGTTCTGCACTTTGACTGCGTTGATGGTGATAGGAACCCATATTTAA
GATGAAATAACACAGCCCCATGTGCACACACTGTACCTCGGCCGCTCTAGAACTAGTGGA
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>SEQUENCE:1527:prostate_MPM2000-004P4Novel007_8Table3

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CATGCTGGAGCCCTCCATCACCTCAACCACCTCCCCACTGGCAACACCAGACTCCAATTT
GATTTCAACAGGATCAGGACCATACTTCACATCCAGGAAGATGGGGTCGCTCCTCTGGCT
CAGAAGGGCATCTCGAGCTTCACATTGGTAAGTCCCTGAGTCCTCCCGCTGGACAATGAG
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>SEQUENCE:1528:prostate_MPM2000-004P4Novel007_8Table3

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GTCGAGGTGTCTCGTCGGACCCTTTGGGGCGTACATGAAAAATTAAGGCAGAGGTCCTG
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AATTATGGCTGGTTATAAGCCTGTAGCTATTCAGACATATCCTATACTTGGTGAAAAAT
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>SEQUENCE:1529:prostate_MPM2000-004P4Novel007_8Table3

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TGATGCTGGAACAACCTGCACATCCATATGCAATAAAAGGAAGCTGGACACAGACTTTACC
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>SEQUENCE:1530:prostate_MPM2000-004P4Novel007_8Table3

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AGCAGAAACAATCCTTTGCGGAGGTGCAAAAGGGCAGCGAGGAAAAGGCTAGAGCACACC
TCAGATTGGACCCAGATGACTAGGACCTGCCAGCCGCAGCAGAGGGATTGGGATACAACA
GAGACCTAAGAAGCATCAGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCG
GGCTGCAGGAATTCCATATCAAGCTTATCGATACCGGCGACCTCGAGGGGGGGGCCCGGTG
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>SEQUENCE:1531:prostate_MPM2000-004P4Novel007_8Table3

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TGGGCCATGTCAGTGGAGGGGGCAGAAAGTCAGAGCATGGGTATCTGCATGCTAGTCACCC
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>SEQUENCE:1532:prostate_MPM2000-004P4Novel007_8Table3

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TCTCGAAATCCTACAGAGTTGCCAAAGTCTGCCCTCCCTTCTCAGTCATTGTTAACTC
TGGCCTATAGCATCATGGGACCTGTAGCCTAGGGTGGGACCCCTAAAGCCTCTGAATGT
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>SEQUENCE:1533:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1535:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1536:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1537:prostate_MPM2000-004P4Novel007_8Table3

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G

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>SEQUENCE:1538:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1540:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1541:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1542:prostate_MPM2000-004P4Novel007_8Table3
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CATGAGACTGCAGAAGGGGAAGTGAGCAGCCTCTACCCATACAGACTAGGGTCTCATGGA
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>SEQUENCE:1544:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1546:prostate_MPM2000-004P4Novel007_8Table3

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ATTCAGTTAATACATCTCTAACTTTTTTTTTTATGGAAATTTTCTGACATACCAAAGCAG
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>SEQUENCE:1547:prostate_MPM2000-004P4Novel007_8Table3

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AGGGATCAGCCCTAGAAAGGAAAGGAAAGACACGCAAGAGTCTGCCTCTGACTCCACC
GGCGGCCACTCTCAGGATGGGTCTCCAGACGGGATTTANACAGAACTGTTTTGATAGGG
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>SEQUENCE:1548:prostate_MPM2000-004P4Novel007_8Table3

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G
CACGGGCCTTTGTCCTGCTGCCTCTGAGGTAGCAGAGTCGGCACAGGGTGGACTGAGGGG
CGTCTCGCTTTTCTGTCCACCCTCTGAGACAGCAGGGACAGGTTCAATTTGGCTTCTCCAG
GTGCAGCAGCTTGAGTTTGCTCTTTGGCCCTGATGCTCCAGTCTGGTTCTTAATCTTCTT
CTCATAGTCCAGGAGTTGGCCCAGAAAATTGAAGTTTGAGATATAGTAGGTCTTTTTTC
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>SEQUENCE:1549:prostate_MPM2000-004P4Novel007_8Table3

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TAACAGTTGACTTCCCCATACCAACAGAGGTGTTAGACTAATAGTGTTAATGTCTTGAA
ATAAAATCATTACCAACCTAGAAATTCATATCCAATCCAAATATTCCTCAACATAAAAGG
TAATAAACTTACCTGTATATTATGTTAAAATTATAATCCACGTAACAAGAAGAAATTAAT
CAACAGACTTTAGAACATGGTGTTTTGACTATACGTTCTTAGCAGGATATACTCTAAGGA
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>SEQUENCE:1550:prostate_MPM2000-004P4Novel007_8Table3

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CTTAGAAACATAGAAACATAGGAACTAAGGACTCGATGGGGACATCAATAGTAGGATGG
CTTTTAAGAGGGCTGAAGTGTGTAAATATACACATTAAGCTTTGCAGCAACTCTGTGCCA
AATCGAAGTTGTTGCAGACCTGGAATTTTAGTTTGGTAAAGGATAACTGTAGTTATTTTT
TAAATAAAATGATTCATTAGAATTTCTTTGGTTCTCTCATGATAATTTAGCAAGTTTGTCT
CTTTCAGAAAGAAAAGTTTAAAGTGGGGATAATGGGTACCTCGGCCGCTCTAGAACTAGTG
GATCCACCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGG

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GGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAA
>SEQUENCE:1551:prostate_MPM2000-004P4Novel007_8Table3
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CAGAGTGTGCAAGCAGAGAGAGGGTGTGGACAGAAAACCTTGCCTTCTCCAGGGCTAGTG
GCGAAAGCTATCTCAGGCTGGCTCAAGTGGAGAGAAAAAAGCATGAGATCAAGCAATGGA
CAGCTGGGGAAGGGCTGGCTTTTATTTCTCAGCTCCCAAGCTCAGTCCCTGGCACTGGG
CCGTTGCCTTTGTAGGTCCCTCTGTGCCAGGTCTTGCTATGGGGGTTGTTTCTTGGCAT
TAAGGTCTCAGTTCAAACGCCACCGTCTCCAAGAAGCCCTCACTGGTCACCCTATCTAAA
GTAACCCTCACTCCTAAGGACAAACCTGTTTTTCTTCTAGCATAGACCACTCTCTGAA
ATCACCTTGTCTCCCAGTCATCTGCTGCCCTTGGCTGTTGCGCCAGCTATAACATGGCA
CTCTGCCTTGCCCACTGCTTTGTCCCCAAGACCCAGCCCTGTACCTCGGCCGCTCTAGAA
CTAGTGGATCCCCCGGGCTGCAAGAATTGATATCAAGCTTATCGATACC
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GTAAATCCAACTTTATCTGCATGTCAGCGAATTGTTTATTTTTATTTTTATTTTT
AAAATAGAGATGGGATCTTGCTATGTTGCTCAGGGGTCTTGAATTCCTAGGCTGAAGCAA
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TTGAGTGCTAAAAAATAAATAAAATAAAAAAATTTGGCCGGACACGGAGGCTCACGCTT
GTAATCCCAGAACTTTGGGAGGCTGAGGTGGGCGGATCACCTGAGGTCAGGAGTTCGAGA
CCAG
>SEQUENCE:1553:prostate_MPM2000-004P4Novel007_8Table3
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CCAACCTTTAACAGCTGAAACTAGATTTTCCCCAAGCCCTGGGCTTTCTTGTGCCTTGT
GGGTGATGGTTCCTTACAGCACTTGCCCACTGCCTGGGGCAGATACTGCGTTCATCAGGA
CTGCATTTTTGCCAGAGAGGAGTGAAAAAAGAAAAAAGAGCTTAGGGTTTTGACAAGGA
CATCCCTGCAACAATACATGATGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCC
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GGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTG
>SEQUENCE:1554:prostate_MPM2000-004P4Novel007_8Table3
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AGCCTGAATTCATCCAAGTAGTGCACTGTTGCACTAGTTGTCCCTCGGGACATGCTCCCC
AATACGTAACCTCACTTGCAGGTTGCAACTGGACACTTACTGGTAGTCAGAAATAGCTATT
GCATGGAGCTTAAATGAACTTGATCTTCGTGAAAGATGAGTCTGCAGCTAAGAGACTTT
ACTGTATATCATAGTGTTTTTTTTGTTTTGTTTTGTTTTGTTTTGTTGACGGAGTCTCA
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CACTGGCATAATAAAGAATTGATGTGAAACATTTTTCCATGTGATGTTTATCTTTGGAGG
GATGAAATAAGAATTTGTCTTTAAAGTTGAGTGGTAATCTCAGATGGTGGAGCTCTTG
TGCATTTATTCCTAGCTGGACCTGTGGGCACCATAGGTGTGTGTACAGTCGAGGTGGGCG
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>SEQUENCE:1557:prostate_MPM2000-004P4Novel007_8Table3
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TCTAATGAATCATTTTTATTTAAAAAATAACTACAGTTATCCTTTACCAAACCTAAAATTCC
AGGTCTGCAACAACCTTCGATTTGGCACAGAGTTGCTGCAAAGCTTAATGTGTATATTTAC
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CTATGTTTCTATGTTTCTAAGTGGAACAGCAAGTCTCACCTACCTTTAGAGTCCACGCTC
TAATTGCTTTCATTCTTTATAATATGCTGAGCTCACTTAAAAGCTGGTTTCGGCCGCTC
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGA
CCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
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ACAACATACG

>SEQUENCE:1558:prostate_MPM2000-004P4Novel007_8Table3

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CAGAGTGTGCAAGCAGAGAGAGGGTGTGGACAGAAAAACCTTGCTTCTCCAGGGCTAGTG
GCGAAAGCTATCTCAGGCTGGCTCAAGTGGAGAGAAAAAAGCATGAGATCAAGCAATGGA
CAGCTGGGGAAGGGCTGGCTTTTATTTCTCAGCTCCCAAGCTCAGTCCCTGGCACTGGG
CCGTTGCCTTTGTAGGTCCCTCTGTGCCAGGTCTTGCTATGGGGGTTGTTTCTTGGCAT
TAAGGTCTCAGTTCAAACGCCACCGTCTCCAAGAAGCCCTCACTGGTCACCCTATCTAAA
GTAACCCTCACTCCTAAGGACAAACCTGTTTTTCTTCCTAGCATAGACCACTCTCTGAA
ATCACCTTGTCTCCAGTCATCTGCTGCCCTTGGCTGTTGCGCCAGCTATAACATGGCA
CTCTGCCTTGCCCACTGCTTTGTCCCAAGACCCAGCCCTGTACCTCGGCCGCTCTAGAA
CTAGTGGATCCCCCGGGCTGCAAGAATTCGATATCAAGCTTATCGATACC

>SEQUENCE:1560:prostate_MPM2000-004P4Novel007_8Table3

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CCCATACAGTGCACACCTCAGAAAGCCAAGCCAATGCGGGCAGCTGCTGACCTGGGGAGG
GAGAAGATCCTCAGGCCACCAGTAGAAAAATGGAAGAGACAGGATGACAAAGACTTAAGA
GAAAAACGTTGTTTTATTTGTGGAAGAGAAGGGCACATTA AAAAGGAATGCCACAGTTT
AAAGGCTCTTCAGGTAGCCTTTCCAGTAAATATATGACTCAGGGAAAAGCCTCAGCGAAG
AGGACCCAGCAGGAATCATGAGGGAAGGAAAATGCAGCACTCTAAATGGCCACTCAGGCG
TTCCTATTCACTCGGAAAATTAGGTTTCAATTCACAGGACACAGCAGTGTAGATCAGGCTT
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GAAAA

>SEQUENCE:1561:prostate_MPM2000-004P4Novel007_8Table3

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GGGAAGAAGGGGAGGTAATGTTGAACCACCTGCCCATGGTTACAGAGGCAGCAGGCCTGG
GACTCCCGACGCTTCCCTCCTGCCTTATACCTGATCTAAGAAGGCCCTGCTGGGCACACA
GTAGATGCTCAGCAAATGTTGCGTTGAAGGGCTGGAGCCTCACAAAACCTACTGATGCA
AACAGGCTCAGCGAGGCTGAGTGACTTGCCCAAGATCCTAAGAGGTGGTGGAGGAATCGC
CTTTCACAAAAAAGAACAAGCGCTTCGGAGCCGCCGCCCGCGTACCTGCCCGGGCGGC
CGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC
GTCGACCTCGAGGGGGGGCCCGGTACCCAACTTTTGGTTCCTTTAGTGAGGGTTAATTGC
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>SEQUENCE:1562:prostate_MPM2000-004P4Novel007_8Table3

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AGGTCTGCAACAACCTTCGATTTGGCACAGAGTTGCTGCAAAGCTTAATGTGTATATTTAC
ACACTTCAGCCCTCTTAAAAGCCATCCTACTATTGATGTCCCCATCGAGTCCTTAGTTTC
CTATGTTTCTATGTTTCTAAGTGGAACAGCAAGTCTCACCTACCTTTAGAGTCCACGCTC
TAATTGCTTTCATTCTTTATAATATGCTGAGCTCACTTAAAAGCTGGTTTCGGCCGCTC
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGA
CCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
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ACAACATACG

>SEQUENCE:1564:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTTTTAGTAG
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GTCTGCCTGTGACTCATGCGTTAGGCTGTCCAGCATTGGGGTGCTGGGGGGCTGTAGCCA
TAACATTTGCAGGATTTGGAAATTCCACCTCAAGCTCCAATCCCAGGGTGTTGATTCTGG
CTAACCATGTTTATGCAAAGCAATCCAAGCACTTTGACTCACTTTGGGAATCTGGCATTG
TTGGGCTTTTGATATTGAGACAGTGGAACACTTTTGTATCAGTTTAGGTCCTGCCAATAA
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TGG

>SEQUENCE:1565:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTAACAAAGGGCACTGT
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GCCCCTTGCGTGTGGACATGCCACGTCACGTGCCAACGTGCCCATGTGCCGATTG
CAGACACCGGCCTGCCGGCGGCCCCCCACCTACACCCCGGGCCACTGTTTCCGTCACGC
TAATCCTATCACCTGGGGATGAAGAGATCATACAGTGTGCACCCCTTGAAACCAGCTTCT
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>SEQUENCE:1566:prostate_MPM2000-004P4Novel007_8Table3

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ATTGCCCTGCCACTCAGGTGTCTTTGCTGTGGAGGAATTAACGGGTCTGAAGACTGAAGC
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GGAGAACTCCTAGCTGGAAAGAAGAGAAAAAAAATTGGATGCAAGTGAAGTGCATTTATA
TATCTTGAGAATTTAAATAATCAGCAACAGTTAGAGGTGCAAATGCAACAGAAGCTAAAA
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>SEQUENCE:1567:prostate_MPM2000-004P4Novel007_8Table3

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CTCATCATATTTCTATGCTCTGGGAGTTGCCTTTCACATAGAATATGTGTGATTGTTATC
CCTAGAATTGTGCAGTGAGGCAATTGGCTAGGTGCTGTGCTGCTTTTTCTTCTTTCTTT
TTTTTTTAAGAGACGGAGTCTTGCTGTGTTGCCAGTCTGGAGTGCAGTGGTGGCATGAT
CTTGCCCTCACTGTAACCTCTGCCTCCTGGGTTCAAGCTGTTCTCATGCCCCATTCTCCCT
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>SEQUENCE:1568:prostate_MPM2000-004P4Novel007_8Table3

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GGTCACTGTCAAGGCATTGTTCTCCTCCAATTTGGACCCAGCCTGGTGGAGCAAGTCTT
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GCACTTCTACCTGAATTTACCATCACCAACCTACCATATTCCCAGGACAAAGCCCAGCC
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>SEQUENCE:1569:prostate_MPM2000-004P4Novel007_8Table3

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AGTTCATCAATAGGAAATTCCTAATGCAGGAACCTTACCAGCGCTTTCTAGATGGAGATC
ACGGCCCTGTGGCTCGAGATGACGACCTTTCTGGGATCCTGTGAGGTCGTCCGCTTGG
GCTCAGCTCACATCTGGCTCCAGTCGCTGGCCTACTGCATGAAGCTGACACTGGAGCTGG
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Table 7
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>SEQUENCE:1570:prostate_MPM2000-004P4Novel007_8Table3

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TCAAGATTAGGCACAGAGGCAGAGGGTGGTGGGGCCACAGGGCGGGGAAGGATTCCAATC
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TGCCACTGGAGAGCATTCCAGTCTCACTGGATATTGGTAGTTCACTAACTTGTGTCAGTC
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>SEQUENCE:1571:prostate_MPM2000-004P4Novel007_8Table3

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CCATGCTCAGTGTTAGCATGGTGGTGGAGGCTATAAAGAGGACCCACAGGAAGGAGCCTGC
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ATCTTGGGACAAATCCACATGATTCAGGTCAAAGTTTTGGAGTTAATTCTCCATTATTA
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>SEQUENCE:1572:prostate_MPM2000-004P4Novel007_8Table3

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TTGTAATTATAGAAACAACAGGAACCAAACTCATTAATGTTGAGCTACAAACCAGAGGG
AAGCTTCTTTCTCAAACAGGGCTCAGGCCTAGAAAAATCTAGTTTTCTGAAATCGCTAG
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>SEQUENCE:1574:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1576:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1577:prostate_MPM2000-004P4Novel007_8Table3

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C

AGTGCTGGCAGGAACAGCATAGGCTTGTCTGTGATCTAACAGAAGAGGCAGCAATCTGG
AGGCGCCCCAGATCAGAGAAGAGACATCAAGCCCCAGGAGAAATGGATTTCCTTTCTCCC
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Table 7
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>SEQUENCE:1578:prostate_MPM2000-004P4Novel007_8Table3
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AGAGGTGAGTTTCTGAGGGTGGCTGTGCACAAAATTCAGAGTCAGGAATCAGCATCTTTC
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GCAACAAAAATTGTAAATTTCTAGGAGCAAACGGCGGGGCACATCTATACCTGTTATAGAG
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>SEQUENCE:1579:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1580:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1581:prostate_MPM2000-004P4Novel007_8Table3
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CTAGTCACACCTTCAAACCTTCGGGTCACACTGTCAAACCTCAGTGGTTTATCATTTCAC
AGCAGCACACTGCTCTTCCTGCCCCAGACTAAAATGAAGGATGTCTGGAAAAACCCCTAG
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>SEQUENCE:1582:prostate_MPM2000-004P4Novel007_8Table3
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CTTACTTGTGTTTTTAAAGTTCATTTCTCCACCCACAGGATAGCTCCATATCTTCCAGC
ACCACTAATGAGTAAGTATTAGGGCCAAGCTGGTATCTGCAGAGTGCTGACTGGCCAAGA
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TAACATTTGCAGGATTTGGAAATTCACCTCAAGCTCCAATCCCAGGGTGTTGATTCTGG
CTAACCATGTTTATGCAAAGCAATCCAAGCACTTTGACTCACTTTGGGAATCTGGCATT
TTGGGCTTTTGATATTGAGACAGTGGAACACTTTTGTATCAGTTTAGGTCCTGCCAATAA
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>SEQUENCE:1583:prostate_MPM2000-004P4Novel007_8Table3
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CACCACCTCTTAGGATCTTGGGCAAGTCACTCAGCCTCGCTGAGCCTGTTTGCATCAGTA
GGGTTTTGTGAGGCTCCAGCCCTTCAACAGAACATTTGCTGAGCATCTACTGTGTGCCCA
GCAGGGCCTTCTTAGATCAGGTATAAGGCAGGAGGGAAGCGTCGGGAGTCCCAGGCCTGC
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>SEQUENCE:1584:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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AGGTCTGCAACAACCTTCGATTTGGCACAGAGTTGCTGCAAAGCTTAATGTGTATATTTAC
ACACTTCAGCCCTCTTAAAAGCCATCCTACTATTGATGTCCCCATCGAGTCCTTAGTTTC
CTATGTTTCTATGTTTCTAAGTGGAACAGCAAGTCTCACCTACCTTTAGAGTCCACGCTC
TAATTGCTTTCATTCTTTATAATATGCTGAGCTCACTTAAAAGCTGGTTTCGGCCGCTC
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGA
CCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
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ACAACATACG

>SEQUENCE:1585:prostate_MPM2000-004P4Novel007_8Table3

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CTTGAGCTCAGGAGTTCAAGACCAGCCTGGGTAAACATAGTGAGACCCCTTCTCTGTTGGC
AGTAATTCCCTCTACACAGCAGGTGCTCTGGCAGCTCTCTGGAGACGAGGAAGGAGAACT
TAGGAAGATGGTCTTGGCTTACACACCACCTTGCTGCCAGGGCTCTTGCAAAGACAGGCT
TCACCAACCACAGCCACAGTTGGCCCGTCCCCAGGGGCTGCACTAGCCTTATGGAA
AGTTCCTCGAGTTCCCTGTGCGTCAGCTTCTGCCTGGACGCTGGCTACTGTTGTCGGCTC
TGTGAACAGGCACACAGGGTTTCTCCGGGTGTGGGATGGGGCTGCCCGGGATGGGGGT
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>SEQUENCE:1587:prostate_MPM2000-004P4Novel007_8Table3

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TTGCCTTTACTCCCCTGGAGGCTACCACTCTTCTGATATTATTATTTTTCACTATAGAC
TAATTTCAACTGTTCTGGGACTTCACGCAAGCAGAATCATAACTCTCAGAAAACCTGAAC
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>SEQUENCE:1588:prostate_MPM2000-004P4Novel007_8Table3

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GTGAGCCACCAAGGAGTAATTATTATAAAGGTAACCAGCAGCAGTCAGTTTATAGATA
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>SEQUENCE:1591:prostate_MPM2000-004P4Novel007_8Table3

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ATGGGTGAAGACAAAACAAGGATTTATTTGCCCTTTCGGGGCCTTGATTTTCCTAAGATGG
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>SEQUENCE:1593:prostate_MPM2000-004P4Novel007_8Table3

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CCCAACTTGTGTGAGTGTTTTATATTCTACATAAATTGAGGGTGGAGGGCAACTTCTGGT
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Table 7
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>SEQUENCE:1594:prostate_MPM2000-004P4Novel007_8Table3

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TGCCAGGAGTTAGAAGACCATTCCGGAAGAGCTGACTCCAGCCTGTCCATGCACGGCTAC
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TGAAGGGAATCAGATTGAAAGAATTGATCAACTTTTTGCTGTTGGAGGTCTCCGACACCT
CATGTTTTACTATCAAGATGTGGAGGAAGCAGAAACAGGACAACCTTGGCTCTCTAGGAGG
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>SEQUENCE:1595:prostate_MPM2000-004P4Novel007_8Table3

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TATAGGATGATCTATCCAGGTTGAAAAAGAATTCTGGCCAGCAGTTTGAAGAAGTGAAAA
TCAAGATTAGGCACAGAGGCAGAGGGTGGTGGGGCCACAGGGCGGGGAAGGATTCCAATC
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>SEQUENCE:1596:prostate_MPM2000-004P4Novel007_8Table3

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GATTTCAAATATAAGGGAGGAAGGCTATTAGAAGTGGGCAAGCCTCAGGGACTTTAGTCT
GATGCTTCCGTTTTGCAAATTGAAGCCCAGAGAGGTAAAGTGACCAGCCCAAAGTCACTC
AGCCAACTCATGGCAGAACAGGACTATCATCCACTCCCAATCCAGTGCTCTTTCTTTTCA
CTTCACAGTGAATCCCCAACTCATTTGTCAATCACAAAATCATTTACAGAAAGAGTATG
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>SEQUENCE:1598:prostate_MPM2000-004P4Novel007_8Table3

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CAGTTCAGATCAGACAAATGATTCGGAAGGGGCTTCATGGCCTGCTCCCTTCGAAATGCC
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>SEQUENCE:1599:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1601:prostate_MPM2000-004P4Novel007_8Table3

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CTATGTTTCTATGTTTCTAAGTGGAACAGCAAGTCTCACCTACCTTTAGAGTCCACGCTC
TAATTGCTTTTCATTCTTTATAATATGCTGAGCTCACTTAAAGCTGGTTTCGGCCGCTC
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CCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
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>SEQUENCE:1603:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1604:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1606:prostate_MPM2000-004P4Novel007_8Table3

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CAGCAGTTTAACAACCTGGATGCCTTTGTAGCTCACAAGCAAAGTGGCTGCCAGCTGACA
GGCACATCCGCAGCAGCCCCCAGCACGGTCCAGTTTGTATCGGAGGAAACAGTGCCTGCC
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CAGTAGTTTGAGACCAGCCTGGACAACCTAGTGAAATCCCGTCTCTGCTAAAAATACAGA
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>SEQUENCE:1608:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1609:prostate_MPM2000-004P4Novel007_8Table3

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ACCTGGTGCTTTGGCCTCATCTATAAGCTTTTCCACTGTCCCGAAACAAGATAGAGAATC
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>SEQUENCE:1613:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1614:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1618:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1622:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1623:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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CCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
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ACAACATACG

>SEQUENCE:1625:prostate_MPM2000-004P4Novel007_8Table3

CCGCCCCGGGCAGGTACTGGTTGTGCTAGCTGGATTATTAGGCAAGAAAGTTATATAACAA
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CCTGGCCAACATAGTGAAACCCTGTCTCTACTAAAAATACAAAAATTAGCCAGGCATGAA
GGCACCGTGCCTGTAGTCCCAGCTTCTTGAGGCTGGGCAGGAGAATCCCTTGAACCTGG
GAGGTGGAGGTTGTGGTGAGCCAAGATTGTGCCACTGCACTCCAGCCTGGGTGACAAGAC
CAAGACTCCATCTCAAAAAAAAAAAAAAAAAAGGAAAAAGAAAAGTACCTCGGCCGCTCTAGA
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>SEQUENCE:1627:prostate_MPM2000-004P4Novel007_8Table3

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TTAATGTTTCCATTTGTATTAATGGAATACTAAGTCCCTCTGTGATTTCTGAACCAAGCT
ATTCCTAGGCCTGAGTTTTATTTTGTGACACAGAAATAAATTAGAAGGCCAAGCGTGGT
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>SEQUENCE:1628:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACTAA
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GTATGTCTAAGTTTTTAAACAGGAAAAGGGTTGAGGGGAATCAGTAAACTGGAACTCA
TACTTCACATTTTGCAATCTCACTGATAAAAGGAGGAAATGTGTGTTTATCAAACCTTGCT
GTGAGTGCACAGTTCATTTGGAGTCCTGTAAACAATCGCCTGGCTGCCCACTTTCAAATG
CATGTGAAAATCTTGGAGATTCAGAGCATCATATTCAGCAAGCAAGGTCATTCTAGTGAT
GCCCTTAACAAGTTTCAAAGCTCATAGAGATCTTCAACC

>SEQUENCE:1629:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACCCGGGTAT
C
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CTTGAAGATTTGCATTTTATTTTCTAAAAAGCATGGTTCCGACCGGGCGCGGTGGCTCA
CGCCTGTAATACCGGCACTTTGGAAGGCCGAGGCGGGCAGATCACAAGGCCAGGAGACCG
AGACCATCCTGGCCAACATGGTGAAACCCCGTCTCTACTAAAAATATAAAAATTAGACTG
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>SEQUENCE:1630:prostate_MPM2000-004P4Novel007_8Table3

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TTCACAGCAATAACCTCAACTCTATGCCAGCTGCTGAAAAGGGTAAAGACACATTAAT
CAGCTTATGATGATACAGAAAATGACCTAAAAGGAGCAGCTATTCATATCTCAAAGGAA
TGCTCCACGAAGAAAAGCCTGGAGAGCAGATTTTGGAAAGGTGGCTCAGAGAGTGAATCTG
CACAGAAAGCTGCAGGGAATCAAATGAATGACAGAAAGATTCAACAGGAATCCCTGGGTA
GTGCACCACTCATGGGAGATGACCACCCTAACGCATCCAGAGACAGTGTGGAGGGAGACG
CTTTGGTAAATGGGGCCAACTGCACACGCTTTCAGTGGAGCATCAACGCGAGGAATTGA
AAGAGGAATTAGTTCTTAAACTCAAACCAACCTAGATTCTCCTCTCCAGATGAGATTG
ATTTGCCCAGAGAACTGGAAGACGAGGTTCCCATCTGGGAAGAAATCTTCCCTGGCAAC
AAGAAAGAGATGTGGCTGCCACAGCCAGTAAGCAAATGAGTGAGAAGATAAGGCTCTCTG
AGGGAGAAGCCAAAGAGGACTCCTTGGATGAAGAGTTTTTTTCATCACAAGGCAATGC

>SEQUENCE:1631:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACTTAGAATTTTGTG
GCCAGATCATTTTGTGGAATGGGAAAATCTGTGAAAATGGAACCTCACAGTGAGTTAA
TGCAGAAAAAGGGGAAATATGCCCAACTTATCCAGAAGATGCACAAGGAAGCCACTTCGG
ACATGTTGCAGGACACAGCAAAGATAGGCAGAGAAGCCAAAGGTAGAAAAGTCAGGGCTT
CTGGCCACCTCCCTGGGAAGAAGTCTCTCAACGGAAAATGTCTGTTGCCGGAAGCATTCC
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>SEQUENCE:1633:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACCATCT

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TTTACAAATCATGCTTCTTCTTCTGCACTCATTCTACTTTGATCCAACCTGAACCGTTTCAT
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AAGGTCAGGAGATCGAGACCATCCTGGCTAACATGGTGAAACCCCATCTCTACTAAAAAT
ACAAAAAATTAGCCGGGTGTGGTGGCGGGCGCCTGTAGTCCCAGCTACTCAGGAGGCTGA
GGCAGGAGAATAGCATGAACCTGGGAGGCGGAGCTTGCACTGAGCCGAGATTGCGCCACT
GCACTCCAGCCTGGGTGACAGAGCGAGACTCCATCAGCTGCCAAG

>SEQUENCE:1635:prostate_MPM2000-004P4Novel007_8Table3

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TTGCTGTTCCACTTAGAAACATAGAAACATAGGAACTAAGGACTCGATGGGGACATCAA
TAGTAGGATGGCTTTTAAGAGGGCTGAAGTGTGTAAATATACACATTAAGCTTTGCAGCA
ACTCTGTGCCAAATCGAAGTTGTTGCAGACCTGGAATTTTAGTTTGGTAAAGGATAATTG
TAGTTATTTTTTAAATAAAATGATTCATTAGAATTCTTTGGTTCTCTCATGATAATTTAG
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>SEQUENCE:1636:prostate_MPM2000-004P4Novel007_8Table3

GCGCGCGTATACGACTTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCG
GGCAGGTACTCTTCAAATTGGTAAATTTTATTTGTCTAGTAAATTATCTCTGTAAAGTC
CTATTTTAAATAAACTGTAAAGAAACCTATTAAGTTGGTAAACAGCGATTAGCTTTGAAT
AGTGAAATTATGGTTCGATTTCTTTACTTTTCTAACCTTCTTCTTGCATTTTTTCC

>SEQUENCE:1638:prostate_MPM2000-004P4Novel007_8Table3

AGCTCCACCGCGGTGGCGGCCGAGGTACCACAGTTGCTCACGGGTTACCATCGCACTTT
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GTGCTGCTTGTTCGTGACCAGATCCAGCTTTTCTTCTAAGGATTACAAGTAGCCTCCAG
GGCTTGCAATTTGGCTTCAATGCTATCCAACCGCAAGCAGATTGTCTGGTTGATGGAATA
CAGGAATGACTGGAAGTGAGAAAAGACCGGCTTTAGGAAGGGTCTCCTGAACTGTAAAGAA
GACAACCCCAAGAAACACCAACAGCTATTTCTGATCTCAACTCTGTCTATATCCCCGC
GTACCTGCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCTGATA
TCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTT
TAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAAT
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GGTGCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGC

>SEQUENCE:1640:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAATCACGCA
G

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AAAAGCAGTTTGAACCAAGTGGAATCAAGGTAGTGAAGAAATCAGAAGAGCGACCTATGA
CCGCAGAAGAACTTAGGGAGCGAGAATTCCTTGAACGAAAGCATAGGAGAAAAAACTTG
AGACAGATGGAAAACCTCCAACCTGTGTCCAAAAAGGCACCCTCTCAGAAAGAAAGTG
TGGGCACAAAACCTTAGCAAAGGTTCTGGAGACAGGCATCCTTCTTCAAAGGAATGCCCC
TTCCTCATGCTGAGAAGAAATCAAGACCCAGCATGGCCAATGAGAAACACCT

>SEQUENCE:1641:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCGGG
GAAAGATTGCATTTGAACAGAGGAGTGTCTAGAAACAGACATCTGTTGTTTTGGCAGCAG
CATTCATTTCTGTCTTTGATAACCAGATCCAGGGGCTCCAGGGGAACTAACTCCTCCC
TAGGCTCCAGGGAGGCAGTGCCTCAAGCCTCACACCCCGCTGGCAACAGAAACCGCTTGA
TGATGTGTGCACGACCCCTAAGAACTAATGAGCTACATCGAGTCTTCAGCAAAGACTTC
CAGGACAAAGATGACAAGCTTCTCCACCTATACTTGGGGAAAGAGAATCAGGCTAGCACC
CACTTTACAGCCACAAGGAGAGAAGTTTTGAGAACTCA

>SEQUENCE:1642:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGGCTGGGT
CCTGGGGACAAAGCAGTGGGCAAGGCAGAGTGCCATGTTATAGCTGGCGCAACAGCCAAG
GGCAGCAGATGACTGGGAGAACAAAGGTGATTTTCAAGAGAGTGGTCTATGCTAGGAAGAAAA
AACAGGTTTGTCTTAGGAGTGAGGGTTACTTTAGATAGGGTGACCAGTGAGGGCTTCTT

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GGAGACGGTGGCGTTTGAACCTGAGACCTTAATGCCAAGAAACAACCCCCATAGCAAGACC
TGNGCACAGAGGGACCTACAAAGGCAACGGCCAGTGCCAGGGACTGAGCTTGGGAGCTG
AGGAAATAAAAGCCAGCCCTTCCCCAGCTGTCCATTGCTTGATCTCATGCTTTTTTCTCT
CCACTTGAGCCAGCCTGAGATAGCTTTCGCCACTAGCCCTGGAGAAGGCAAGGTTTTCTG
TCCACACCCTCTCTGCTTGCACACTCTGGGCCTTCTTAGCTTGATCC

>SEQUENCE:1643:prostate_MPM2000-004P4Novel007_8Table3

CGGGCCCCCCCCCTCGGGGTACTTCTAGCAATAATTAACGCGGGTAAGCTGGGGCTTCATG
ACAATCACTGGGTTCCTGCCTGCCACAGCTTTAATCGGGCAATCCATAAGAAAGCAAAAG
GGAAGCTGAAGAGGAATACTAAAGTCCATGTGAGAGGCAACAAAAGGACCGGTTTC
TAAAGCTGCAAAACACCTAGATACACCGTTCAAATGAGCGTAGCCCCCTGAGTCATCACT
CTAGAAGAATCTGTACATCATCAGGACTGCATTGCTCAGGCATTTTCTAACTCTAAAT
TACGAGCTGTACAAAAAATTGGTCTTGTTGTTTATAGTGGCATCTCATGTTTGAACCCG
GGTGGTATCCCACAGTTGGATTGAGTTGGCTGTGAATAACTGCCTGTTTTCTAAATCAA
ACCCATCCTCAAAGGATGAAGACTCACCACCATCCAGGACATTCAGAAGAGTTCACTGCA
GATGCTGCAGATCAGCCACTCTTGATCTGGTTNTCATGTGGGACACAAAGCTGTGACTGC
GTGAGGGGTAAAGTGACCAAGAGCAGAGGGCACACCCTTACTTGATCATCTGAAGCAAA
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>SEQUENCE:1644:prostate_MPM2000-004P4Novel007_8Table3

AGCTCCACCGCGGTGGCGGCCGAGGTCAACACCGTGCCAGCTAATTTTTTCTATTTTT
GCAGAGATGAGGCCTCACCATGTCTGCCTCAGCCTCCCAAAGTGCTGGAATCACAGGCAT
GAACCACCACACCCAGCCCTACTGTATTTTAGAACTTTGTTCTTGAAAAGCNAGTCAAGT
TCCCTGTAAGTGCATAATATATTCTCATTTTCAATGAGAACAGAAGATGGTTTGTAAG
CTATTTTAAAGTGTCCCTATTTGCCAGTAATTCCTCTTCTAGAAATCTATGAGAATAAT
TCANAATATAGCCCANAAACANAGGCATTAAGTGTTGAGCAAAACACTGAGAATCTAAA
TAACCAATATAAAGAGATTGGTTAGGCCGTGCAGCGTGCTCACGCCTGTAATCCCGGCAC
TTTAGGAGGCCGAGGCGGGCAGATTACCTGAGGTCAGGAGCTTGAGACCAGTCTGGCCAA
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>SEQUENCE:1645:prostate_MPM2000-004P4Novel007_8Table3

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GGACCTGGAGACCGTTTTAATGGGGGTTTTTGCCTCTGTGCCTGTTCAAGAGACTTGCAG
GGCTAGGTAGAGGGCCTTTGGGATGTTAAGGTGACTGCAGCTGATGCCAAGATGGACTCT
GCAATGGGCATACCTGGGGGCTCGTTCCCTGTCCCCAGAGGAAGCCCCCTCTCCTTCTCC
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CTTCCCTTTGCGCTGTCTCGTGG

>SEQUENCE:1646:prostate_MPM2000-004P4Novel007_8Table3

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TCTTGATCTCAGTGGGCTCCATCCTCGTCCCTAACAGCCTCATATAGGCAGCAGGGCTG
CAGTGGCAGTGATGTTTATGGAAGGACCCATTATTCCCAAACACATCTTTGGGGAATTAC
CTTACCGTTAGAGAAATGGGACTTCTAGGTGTCTGGAATTGGAACATGGGGAATTTGAGA
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>SEQUENCE:1647:prostate_MPM2000-004P4Novel007_8Table3

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GCAAGGAAACGTTTCTTACAGGTATATTTACAGAGGACTGTGTCGCACTCAGGCAGAAA
TGACCTCAACAAGACAGCCTCGTGGAAGGAAGAACTTACCTACTTAACTCCCCTCCCC
GCCCCGGACTGCCTAGTCTAGCCTAGCCGTCTATAACAACCCCACTGGACTGACATTCCA
TCTTGGAATTTATGGAGGTGACAAAAGTGACATTTGAGATGGACCAAACCCAGCCCTTTC
AAGAAGAGCTCTGTATGTTTTATCTTGACATGTGTTGATGAATAATGACCTGCACACACA
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>SEQUENCE:1648:prostate_MPM2000-004P4Novel007_8Table3

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAGATAAAGGAAA

Table 7
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GAGCAAGACAAAGTGCAGGATCGAGAGAAAATCGATTGCTTGAAAACTGGGTATTTTAC
TTGCTGCAAGTCCCGACTGTGTCAGCTGATGAGTTTAACACTATGACAGCACAGTCCTCG
CCTGCCTGCTCGCTGCTGTAATCCCCACACTGTTGTGTGCCCTATAGCACCTGGCACACG
GGAAGCGCTCAAGAGATGTGTGTGAATGAAGGAGCCACATCTTGACTTGCGACGCGGAGC
AGTAAGCTGCAGTTATTTGGTAGCGGTGGAAGAATAAATTCTACCTCCTGCTTGCCTCGC
TGCAAGTGGGGATGAGGGGAGAGGGGACTCAGCCAGATGCTGAATCCCCAGACAGCTGACA
GGTTCCCAATTTCCAGGACCAGCTGTTCAAGGAGCATCCCGGACGAGAGCCAGGCACATTT
GAGACTTGGATCCAATAAGACCGCCGAGATTCTTCTGCAGCAATGTCGGTGTAGAA
GAAAATCGGCCGCTCTAGAAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT
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>SEQUENCE:1649:prostate_MPM2000-004P4Novel007_8Table3

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGT
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AAGACCCTGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAATGGAAGTTGTGGTCACAATGC
CCAGGCTTCTTTGTTATAGTGGCACGCTGGGTTACTTGCCACACACAGATCACTCCTCCC
AGGGCTGCTGGCACACACTGATTGTGGGGAGTTCAAGAGGCCTTTTCCCCTTGAGGGTGT
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>SEQUENCE:1651:prostate_MPM2000-004P4Novel007_8Table3

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CAGTCATTTCTACATAGTGAAAGGCAACCGCAAGGAAGCGGCAAGGATAGCAGCTGAATT
TTATGGAGTAACCCAAGGACAAGGTTCTTGGGCAGATCGATCACCACTACATGAAGCAGC
AAGTCAAGGTCGCCTTCTTGCTCTGAGAACATTATTATCACAGGGTTATAATGTAAATGC
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>SEQUENCE:1652:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAAAA
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TCCAGCATCTCTTAGATTTGTAAAGGAAGCCAGTGTCTGCAGAGCTGAATATGCAATGTC
ACAGCAGAGGTCTAATGGACCCACCACCTAACACACTCCTGCCTCTTTTCCGTGGCACTT
CTGTCTCACTTTGAATAAACTGCCTCAAACTGAAACCCGGAAAAACCTGACAACACTGT
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GGAGGTCTGGATGCTGATCGAGAGCAAGCAGAGGCGTGCGCGGGGGAGGAAAGAGTGTG
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>SEQUENCE:1653:prostate_MPM2000-004P4Novel007_8Table3

GCTCACCGCGGTGGCGGCCGCCCGGGCAGATACAAAATAATCTTTTGTGTTTTGTTCCCTT
CAAGATTCTCTTTTACTCTTTTGTTCCTTATGCCATCACTCCACCACAACCATACTACA
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GCCTATTACGC

>SEQUENCE:1654:prostate_MPM2000-004P4Novel007_8Table3

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CACCACTCCGCCCTCGAACTTAACGCCGAGGACTGAGGTCCCGGTACCATGGGGTTCTG
GGTCCGCGTGATTGGACCTCTGTAAAGTGACAGCGCCGGATCCATGAAGGAATCGGGAGT
GGATGGAATGCGGTAAACTGTCCTGGGGCCCGGACCCCCCGCCCAAAGTCCGGACCGCGA
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>SEQUENCE:1656:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCCTAAGATGTATGAGCACATAAACTTCTTCCCTA
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CCAAAGCCCTGCTTCAACAAAAGAGAAATACCAGATTAGCTACCTGCACCATCCCAGCA
ACCTGTCCCTTCTCCCTCACTCCTCACCCCTTTTCCCAGACCCTGGTCTCTCTTTTCAG
CACCCAGGAGACCAGTGTCCCTGGGCCATTTCTGCCTGTCTTCCAGGACAGTAGTCCTGG

Table 7
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CAGAGGCAGAAGAAGGGTCAGATGGCAGAGCTGCTGGGCTGGGCTCCCACAAGCTGTGTC
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TAAATCCCTTTTCTGAGTCTGAAGAAATGGCATTGCCAGCCTCAGGA

>SEQUENCE:1657:prostate_MPM2000-004P4Novel007_8Table3

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ACTACAGGCGTGAGCCACCACGCCCCGCCCAAAGCATTACTGTTAAGGCTGCCTCATT
TTTCAGCTTTGTTGTAGTTGAGATTCTGATGTTACCTAACAAAGTCCCTGACAAAACAG
ACTTCCTTCAATCCAGGTCATAATTTGAAACGTTATACAATAATGAGATTTAAGTGATGA
ATGGAAAGAAAAGAAGGAGACTGAAAAGATATCAGAAATTTCTATTTGTTTTAGATTCA
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TGAATGTAACCCCTTCCCAGCAT

>SEQUENCE:1658:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGCCG
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CAGGCTCGTCTTGAACCTCCTGAGTTCAAGTGATCCACCCACCTTGGCCTTTCAAAGTGCT
GAGATTACAGGTGTGAGCCACCACACCTGGCCAAAATAATAAAATTTTAATCAGTAAAAA
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AATATAAATAGATCCATTTAAATACGATATCCAGTTGAACCAGCCCTGAAGGGCTTTCTG
AATTGGACATGTTCTGTGCTACCAAGTGGGGCTTCCTGGAAGCTGGCCCAGAGCTGGTCT
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>SEQUENCE:1659:prostate_MPM2000-004P4Novel007_8Table3

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TTTGCCTCAATAAGGAGGTGCTGCCGTATACTTATCCGTTGCTGGAGGCAGCATGAAT
GGGAACCAGACACAGCTGGAAAGCAATCGGGTAACAGAGCGCCAACCCTGCACCTCGGCC
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG
TCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG
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>SEQUENCE:1661:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTGCACCGGGGTGGCGGCGCGCCCGGGCAGGTACAATAGCGTGATCTC
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GCTGGGACTACAGGCACATGCCATCACGCCTGGCTAATTTTTGTATTTTTACTAGAGACG
GGGTTTCACCATGTTGGCAAACCTGGTCTCAAGCTCCTGACCTCAGGTAATCTGCCCGCCT
CGGCCTCCTAAAGTGCCGGGATTACAGGCGTGAGCACGCTGCACGGCCTAACCAATCTCT
TTATATTGGTTATTTAGATTCTCAGTGTTTTGCTGAACACTTAATGCCTTTGTGTTTTGG
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>SEQUENCE:1662:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGCCCGGGCAGGTACTACATGAGC
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GGTTTGATACCTGGCTACCAGGTGAATGATAGTGCCCTGACAGAAAAGAACATACAGGG
AAAATCCAAGCTAATATCTAAAAAAGATACGGAGGTCTTTTCTAAGCATCTTGAATTTG
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CATAGGATGGTATCTGGAACCTAACAGGAGTCCATAATTGCTGTCAGAATTATTAGCATA
GAATTCGGTTTTTAACATTGACTAAATTGAATGGGCGAGGTGGGGGAGGCATGGCGCCAG
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>SEQUENCE:1663:prostate_MPM2000-004P4Novel007_8Table3

TACGCGGGGAGAGCAAAGACAGTTGCTTACATGATGCAGAGCTTATCTACTGTAGAGCTG

Table 7
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GGAAGCAGAAGGATTTGTAGTTTCTTTTTAAAGTGATTCTTCTTTTCCCTTTTCATTTT
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TGTATACTAAGCAAACTCAGGTCTTAAAAATAAATATGAATTTAGATTCCATACATCGA
TTAATTGAGGAAACACAGATCTTCCAGATGCAACAATCATCAATTAAGTCACGCGGCGAC
ATGGTGGCCCCTGCCTCACCCCCCAGGGATACCTGTAATACCTGCTTCCCACTTCATGGG
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>SEQUENCE:1664:prostate_MPM2000-004P4Novel007_8Table3
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TAAAGAAGAATTCTTCATAATGATGAAATAGAAACATTCATAGAATAGAAATTACAGGAG
AAACGGACAGTCACTTAAAGTTTAAACTTTAAGACAACTTTAATTGACCTATTTGAGT
CCACAAAAAGCCAAGAAGTATCTGAAATGGTGGGATAAATCTTCTTGTCCTTAACTTTT
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>SEQUENCE:1666:prostate_MPM2000-004P4Novel007_8Table3
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CAGCAAGGTCAAGATTTGAATAATGTTAACAGTAGAGCTTTATCTACTGAATAAATGTAA
AATCCCCATCCAATAATTAGTCCACTTTCTTCCAAAATGCATGTGGAAGATGCATAAAC
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Table 7
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Table 7
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Table 7
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G

CTACTATCAGAAGTTGAATTCTAATAATTAGCTATTTTATAAAGGTAACGAGAAAAAATA
CACTATGTCTGATGAAGTTTTTAGCACCACTTTGGCATATACAAAGAGTCCAAAAGTTAC
CAAAAGAACTACTTTCCAGGATGAGCTAATAAGAGCAATTACAGCTCGCTCAGCCAGACA
AAGGAGTTCTGAATACTCAGATGACTTTGACAGTGATGAGATTGTTTCTTTAGGTGATTT
TTCTGACACTTCAGCGGATGAAAATTCAGTTAATAAAAAAATGAATGACTTTCATATATC
AGATGATGAAGAAAAGAAATCCTTCAAACCTATGGTTTTTGAACCAATAAATCAAACGG
TAACATAACCAAAGATGAGCCAGTGTGTGCCATCAAAAAATGAAGAGGAAATGGCA

>SEQUENCE:1702:prostate_MPM2000-004P4Novel007_8Table3

GAGCTCACGGGTGGCGGCGAGGTACCTCTAGGCAGATTCTGAAAGATTATCTTACAATTC
CTGTTAGCTGTTTGAAGGAACCTGGGGTTGTGAGATTTAAAAAATTATTAAGGCAAAT
GAATAACAGTAATGAAAAACAACTCATGTAGCTAGGTTTAGTAGTTTGCATTAATTGAA
AGAAAAGAGGGTGAACAAGCATTAAACAAGCAGAAACCACCCTCAGCAGTCATCTGTAA
GAACACAGTGATTTTAAATGGCCAAATAAAAGTGGGGACCTGGAAGAGTGATTACTCAT
CTCTGTGCCCATGACCCCTCANGGCATAAGAAGTCTGCACACCTGTCTG

>SEQUENCE:1703:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGGG
G

Table 7
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GGGGAGACCAGCCTACAGCCGCCTGCATCTGTATCCAGCGCCAGGTCCCGCCAGTGCCAG
CTACGCGCGCCCCCAGTCCCGCACCCGTTCTGCCCAGGCTAAGTTAGCCCTCACCATGC
CGGTCAAAGGAGGCCCAAGGGCATCAAATACCTGCTGTTCCGATTAACTTCATCTTCTG
GCTTGCCGGGATTGCTGTCCTTGCCATTGGACTATGGCTCCGATTGACTCTCAGACCAA
GAGCATCTTCGAGCAAGAACTAATAATAAATTCCAGCTTCTACACAGGAGTCTATAT
TCTGATCGGAGCCGGCGCCCTCATGATGCTGGTGGGCTTCTGGGCTGCTGCGGGGCTGT
GCAGGAGTCCCAGTGCATGCTGGGACTGT

>SEQUENCE:1704:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCACTGTAACAGTAATATGGAAATGCCA
CAAATACTCTTCAGTAGGGGATTGGTTAAATGTCACTTTCCTTATAAAATAAAATTATAC
AATTGTTTTAAAAAACACACATACCTCCTTATATATTAATAGAGAATGATCTCAGGGTA
AATTGTTGCAAAAAAGCAAAGTATAAAACAGTGTGGGCCAGGCACGGTGGCTCACGCCT
GTAATCTTAGCACTTTGGGAGGCCGAGGTGGGCAGATCACCTGAGGTCGGGAGTTCAAGA
CCAGCCTGACCAACATAGGGAACTTGGTCTCTACTAAAAATACAAAATTAGCCAGGCGT
GGTGGCACATGCCTGTAATCCCAGCTACTCGGGAGGCTGAGGCAGGAGAATCGCTTGAAC
TCGGGAGATGGAGGTTGTGGT

>SEQUENCE:1705:prostate_MPM2000-004P4Novel007_8Table3

GGCGCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGG
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TCAGGAGATCGAGACCATCCTGGCTAACACAGTGAAACCCTGTCTCTACTAAAAATACAA
TAATAGTGTATTGCACATTTTTAACTGAAAGTAAATTTAAATGTGCTTCTCACAAAAA
ATAAGTATTTGAAATGATGGATTAGCTTGATGTAATTACTTCATATTGTTTCATAAATCAG
AACATCACTCTACTCTATAAATATATGCAATTATAAATTGTCAATTTAAATAAAATAAA
AAATAAAAAATTGTAAATTGTTACTAACATGAGTTACAGCTGTCAATCATACTAGTCTA
TAACATTTTTTAGCTATGTGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG
C

>SEQUENCE:1706:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACACAATA
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AGCGTCCCAGCATTAAACATAACGCTTTTTTCACTGTCTGCAATACGAGACACCTCGTATC
CTAAACGACTATCTGCTGACATTGACAAAAAGAGAGTAGTGCTTGGTGAATGCAGGAG
ACAATTTCTATTAGGTTTATCAAAATGAACTGTCTTTTACTTGATAGAGAAGAAGGTG
GCATTCCTTCTCTTTCTCTCCTGGGGAATGAATTTGGGGAATTCTCTTTAGGAATAGTGG
AATCAGCTTCATCTGATATTGAAAGATGGATGTCTGTGTTTTTCCCTTGTCTGAACTAT
TTACATCTGGATGCTGTCCACTGTCCTCAGAGT

>SEQUENCE:1707:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACA
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GTGGGGAACGCAGCACAGGCCCCAGCTGCCGAGGGTCTCCTGCCAGCACCACTGCCCT
C
CTGGATCACCTGTTTCCTTTACTTCCATCAGCCCTGCTATAGCTACCAGACTCTCAGGCT
CCATGCAGTGGCCAGCCTCATCGATGAAGATGTGTGTGAAGTGATCAATGGGAACTGGG
CCGAGACCAACCTGCCGGCAGTGATGAGGGTGGTAATTAAGACCCGGTATTCCTGCAGCT
TCTTCTTGCGGGGAAATACATACTCCCCCTTCTTTGCGTCCCAGTTGCAGCAGGGCTTGA
TGTCCTCAGGTACCTCG

>SEQUENCE:1708:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAT
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ACTTCCACTTGGGTTTACTCAATGGGTGACACTCACAGGACATAAGAGATTAGAAAGAGG
GATAAGGTTTTTTATATATCTGCTCCCTCCTTACTTAAAGCCATGGTTTTAGCAGAGGCC
CAAGGTCCCCCATTTCCACCCCAACCCTGCACACTGAGCAAAGGCAGCAGATCCCAAACC
CACCCACCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT
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>SEQUENCE:1709:prostate_MPM2000-004P4Novel007_8Table3

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CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCTGGGTAA
ACTGGAGAAGAGCTTCAACTCTGTTACCTGCTTGCAGGTGGGTTTGCTGAGTTCTCTCG
TTGTTTCCCTGGCCTCTGTGAAGGAAAATCCACTCTAGTCCCTACCTGCATTTCTCAGCC
TTGCTTACCTGTTGCCAACATTGGGCCAACCCGAATTCTTCCCAATCTTTATCTTGGCTG
CCAGCGAGATGTCCTCAACAAGGAGCTGATGCAGCAGAATGGGATTGGTTATGTGTTAAA
TGCCAGCAATACCTGTCCAAAGCCTGACTTTATCCCCGAGTCTCATTTCTGCGTGTGCC
TGTGAATGGCAGCTTTTGTGAGAAAATTTTGCCGTGGTTGGACAAATCAGTAGATTTTCAT
TGAGAAAGCAAAAGCCTCCAATGGATGTGTTCTAGTGCACT

>SEQUENCE:1710:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC
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GGTAGGATTGGGAAAAAGATGGATTATTGCCATTTGGACACTCCAGGACTGTCCATTAAT
ACTCCTGACTAATGGAAGATGATAAAGATTGGGCAAGAAAAATGACTGCAGCAAACGCCT
TGGCATCTTCAACTTGTACCTTTAGCAAGAGGCCTCTTCAACAGTTCTTGGACTGTGTT
TGGCAGCCAGGCACTCTCAGAACGGCAAGGAGACACAGCTAACATGATCTTTGCAATGCA
ACAAAACAAGCGATCTTGAGGCGACAGAGTCCAAAAGATGACAGAAAATTTCATCCAATC
CTGAAGCATGTGATGCCACCAGAAAGCCTTGGCAACAGCC

>SEQUENCE:1711:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGTGA
AAAGAGCCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTG
AGGCTGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAG
GCTGGAGGTTCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGA
GAATAGAGCACAGTCCCATTTGTTTGAAGAGACACCAGGCAGCCATGTTTATGTGCCA
GAAATGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCT
GGGCAAGGATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAAACTAAAGG
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>SEQUENCE:1713:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGTGGAGTCAGAGGCA
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ACTCTTGCGTGTGTCTTTCCTTTCCTTCTAGGGCTGATCCCTCATGTTTAAAGTAAGAG
ACTCTCAAAGTCAGGAACTGGTCAGACGTCCAACGATGTGGTGACGCTGAGGCCCAT
AGCATGACACCTCTAAGTGGAAGTTCACATGGAGATCCTGACATCGAATCCATCAAAGAA
AGCTTCTCATGTATCCGTGAGCGTCTGAGGTCTGGGGATAACTGTTCTCCCAGAGGTTT
TCTGACTGGGGCAGAAGACCCTCAAGACTTCCATACGGAGTGTTTGCAACATGTCAGGCA
AAATTCACACAGGGGATACGCATGACAGACATGATCTCTACCGTCCTGGAATGGGTCTTAC
CTTGAAGTTAAATGCCCTTTGGCCCTAACTGAAAGAACATTTTAATACCAAATTTTAAAA
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TTCGATATCAAGCTTATCGATACCGTCTACCTCGAGGGGGGGCCCG

>SEQUENCE:1714:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCCACAAATG
TCTGCAGCTACGATGGACCCTCAGCTGCTGGACAGGAAAGAGGATCAAGCTAAGAAGGCC
CAGAGTGTGCAAGCAGAGAGAGGGTGTGGACAGAAAAACCTTGCCTTCTCCAGGGCTAGTG
GCGAAAGCTATCTCAGGCTGGCTCAAGTGGAGAGAAAAAGCATGAGATCAAGCAATGGA
CAGCTGGGGAAGGGCTGGCTTTTATTTCTCAGCTCCCAAGCTCAGTCCCTGGCACTGGG
CCGTTGCCTTTGTAGGTCCCTCTGTGCCAGGTCTTGCTATGGGGGTTGTTTCTTGGCAT
TAAGGTCTCAGTTCAAACGCCACCGTCTCCAAGAAGCCCTCACTGGTCACCCTATCTAAA
GTAACCCTCACTCCTAAGGACAAACCTGTTTTTCTTCTAGCATAGACCACTCTCTGAA
ATCACCTTGTTCTCCAGTCATCTGCTGCCCTTGGCTGTTGCGCCAGCTATAACATGGCA
CTCTGCCTTGCCCACTGCTTTGTCCCCAAGACCCAGCCCTGTACCTCGGCCGCTCTAGAA
CTAGTGGATCCCCCGGGCTGCAAGAATTCGATATCAAGCTTATCGATACC

>SEQUENCE:1715:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC
C

CAGCAAGAGGTTTGCAAAGAGGAGTTATTCAGTGAAGACGGGGTTTCACCATCTTGGCTA
GGCTGGTCTTGAATTCCTGACCTCGTGATCCACCCGCTGGGCCTCCCAAAGTGCTGGGA
TTACATGCGTGAGCCACCGGGGCCAGCCTTAA

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>SEQUENCE:1717:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTGACTTTTCC
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TTCTAAATTAGAACTTAAACACAATGACCAGATATGACCCTGCAACAGAGCATGCCCTTC
TGCATTGAGCATGCAATCATGTATCACAGGTATAAGACCCCTTGAACAGACATGGTTTTG
GTGATTCTGTGTAGGACTTATTGCTTTTACCCAAGAAGATGATCAGGCATCCTAAGTAGA
TCAAAAAGTTTTCTGGAGCTCTTGAATGTGTATAGGCAAGAAAGATTAAGCAACCTGTTG
CCTTATATGAGGCAAACCTATCTTCTCATATTTTCTTTCGAATTCAGGATTTCAAGGTTGG
GGAAGGAAGGCCGGGCGCGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAG
G

CGGGCGGATCACGAGGTCAGGAGATCGAGACCATCCCGGCTAAAACGGTGAAACCCCGTC
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>SEQUENCE:1718:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATAGT
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CACTATCCACAGAGTCAAGGTCAAATCTCATGGCTGTGAATTTTAAATGATGAGATCCCC
ACAGGTGGTGTCTGGGCAAAGCACCCCTCTAACTTACTGACTTGTAGTATAAACTTAGCA
AGCTGTAAGTCCTGCACCATGAGCCCCTGAAGCCAGCATCGTAGCACTCCAATCTTCTA
CACACCGACCCACAAAAGTTTAAGGACAAGAAGATTTATCCCACCATTTCAGATACTTCT
TGGCTTTTTGTGGACTGAAATAGGTCAATTAAGTTTGTCTTAAAGTTTTAACTTTAAG
TGACTGTCCGTTTCTCCTGTAATTTCTATTTTATGAATGTTTCTATTTTATCATTATGA

>SEQUENCE:1719:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCTTTGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTTTTT
TTTTTGAGTCTGCCAGTGACCTTCAGGCATGGGCTCTGATGGAAGCCTGGTGGTGATAAG
GTCATCCACAGATCTCATTATGCTGTGAGCTACAGCCGACGTGATTATAAAATTCTGAGG
TGGAATT

>SEQUENCE:1721:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTT
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GCGCCATGCACACCAGCCTGGGTGATAGAGCGAGACTCCATCTCCAAAAAAAACAAAAA
GAGAGAGAGAATAGGGGAAGACTAAGCAGGAAGGCTGTGTCTCCCTTCCCCACACTGTAT
TCCAACCAGACAGCTCCCTTCTATTTTATATGTTGGGCTAGTATGAAAAACAATTCTGCT
AGGAAAAAAAATTTTTTTAGAAGTTTGAAAGCTAGTGATTTGACCCAAGTTCCTCATT
TTACAGCTGGGGAAACTAAGGCCTAGAGAGAGGCAAGTGATATTTGTTTCATGGCAGGGC
TGGGCTTGAAATCCTGCTTTTCT

>SEQUENCE:1722:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCA
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ACCCCTTGGTTAAGATCTGGAACCTGGAGAAGAGAGATGGTGGCAATCCACTCTGCACTC
GAATCTTCCCTGCTATTCCAGGAACAGAGCCAAGTGTGTATCTTGTGTTGACTGTCCATG
AAAATCTCAACTTTATGGCCATTGGTTTACAGATGGCAGTGTTACATTGAACAAAGGAG
ACATCACCCGGGACCGGCATAGCAAGACCCAGATTTTGCACAAGGGCAACTATCCTGTAA
CTGGATTGGCCTTTGCGCAAGCAGGAAAGACCACTCACTT

>SEQUENCE:1723:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCCAAATTAAC
TAACCTTAAATGCAAGACTTAGCAGCAGGTATTATCCATGTTGAACACAGAGTTGTGGT
TATAGGATGATCTATCCAGGTTGAAAAAGAATTCTGGCCAGCAGTTTGAAGAAGTGAAAA
TCAAGATTAGGCACAGAGGCAGAGGGTGGTGGGGCCACAGGGCGGGGAAGGATTCCAATC
CATGAGACTGCAGAAGGGGAAGTGAGCAGCCTCTACCCATACAGACTAGGGTCTCATGGA
TGCCACTGGAGAGCATTCCAGTCTCACTGGATATTGGTAGTTCACTAACTTGTGTGAGTC
ATGATTGTGACCTCTGATATATTGCTATATTTGGTTTTCATTTATACAAAAGCTGCGTCT
CTCCTTGATCCCAGTGTTTTGTTGGTCTTTTGTGCATCCAGGAAAGTAAGGCTT

>SEQUENCE:1724:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGT
CGCGGGAGGAATGCCATGTTGATCCAAGGTGCCGTTTCCCTAAACCTGTGTGTTTGTGGG
GCGCTCATGAGGCCCTCTCTCCTGGTAAAAACCCAAACGACCCAGGAGAGAAAGATGTG

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CGTGGCCTGCCAGCGCACTCCACAGAATCTGTGAAGTCAACTGGACAGCAGGGAAGAACA
GAAGAGAAGGATGGTGGGCTCGGGAACGAGGAGACCCTCTGCGACCTGCAAGCCCAGGA
G

TGCCCCGATCAGGCCGGGCACAGGAAGAACATGTGTGCCCTCCGGATTCTGAAGACTGTC
AGCTGGCTCACCATGAGAGTCAGGAAGGGCTTCGAGGACTGGTATTCGGGCTACTTTGGG
ACAGCCTCTCTATTTACAAAATCGAATGTTTGTAGCCTTTATTTTCTGGGCTTTGTTTGC
ATACAGCAGCTNTGTCATCCCCTTCATTACCTCCCAGAAATCGTCAATNTGTATAACTT
ATCGGAGCANAACGACGTTTTCCCTCTGACGTCAATTATAGCAATAGTTCACATCTTTGG
AAAAGTGATCCTGG

>SEQUENCE:1725:prostate_MPM2000-004P4Novel007_8Table3

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AAGACTATTGCCTTATTTTGCCTATTTGTGAATCATCTTACACTGCATTTTTTTATGAA
TGCTTTATTCAAAAGGCAGTTCGCTTTACGGTGAAAAAGCCTTCCAAGATTCAAAGCAGA
TTCCTCTGGTCTTATATTATATCCTTCTTAAAAACAGAGTTCTTAAGTAACAGTATATT
GAATGGCATCACAAAACATTTTCATCCTTAATGGATTTCTTTAACAAGTGGTTAAAAAAA
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>SEQUENCE:1726:prostate_MPM2000-004P4Novel007_8Table3

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CCATTTGATTGTCTGTATCAATGATCACAGGAAATGATTAAATGTCGTGCATTTAATGTA
ATTTGGGTTATGAAGCTCATTGGGTTATGCTCTTCACTTTTCTCTGTAAATTACAACA
TGCAGTATGCACTTTCCACGACAGAAATTGTTTATGTGTTATTATGGCGTCTTTGCAGAC
TTGTAACCTTTATCCTAGAACCTCAGTGGTATGACCCGCTAGCATGCATACTTCATGGGTC
TGTCATTATAGGGCCTTTCAAATATCACCTATC

>SEQUENCE:1727:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGTTAACCTGGGTCCCT
GAATGAGAGGACATAGAGAATACAGCCAATCTGAAAAAATCTGACCCTTTTAGGCTGGGC
ACGGTGGCTCACGCCAGTAATCCCAGCACTCTGAGAGGCCAAGGTAGGTGGATCACTTGA
CGTCAGGAATTTGAGACCAGCCTGGCCAACACG

>SEQUENCE:1728:prostate_MPM2000-004P4Novel007_8Table3

GGCGAGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCATTTCTTAAGAATCCA
GTAGACTCCTTCAGACACTGCTCGGATAACTGATAGACAGATAAAAAATACAGAGATTAC
CAAAATTAGTCTGTAACTCCATGAAGAAAGAACCGACAACCATTTTATTCCCTGATGTT
ATCCCCAGTGGGAAATGCATAACCTTGGCGTGTAACACTGACAAGTTATGGAACAGAACA
TATTTTAATAATCTGCTATATCAAATTGTAAGAGAGTATCAAAAAATCATAGCTATTTTA
ATATTAAATACCAGGCAAATGGGTGTCCCCATAAGATCTATTCTTTTTTTTTTTATTGAG
ATGGAGTCTTGCTCTTTGACCCAGACTTGAGTGCAGTGGTACAAGGTAGTGGGTTTCGCTG
CCTGCCACCCCCAAATGCCACACGCCGT

>SEQUENCE:1729:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCA
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G

CACGGGCCTTTGTCCTGCTGCCTCTGAGGTAGCAGAGTCGGCACAGGGTGGACTGAGGGG
CGTCTCGCTTTTCTGTCCACCCTCTGAGACAGCAGGGACAGGTTCAATTTGGCTTCTCCAG
GTGCAGCAGCTTGAGTTTGCTCTTTGGCCCTGATGCTCCAGTCTGGTTCTTAATCTTCTT
CTCATAGTCCAGGAGTTGGCCCAGAAAATTGAAGTTTGGAGATATAGTAGGTCTTTTTTC
TTTCACAAATCTGTAAGCTTCATCTAAAGACATGTCCATCCTCTTCATGATGTAGGCGAT
AGCGATGGTGGCGGAGCGGGAGATCCCAGCTAAACAGTGCCTAGAA

>SEQUENCE:1730:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGAGGTACTAAGAGCTGGTC
CAGGCTCAGCCCCAAGTGTGCCAGCTGCTTCTTAGACGTGGCTCCATTTACTCCTCACC
CAGACCTTCCTACAGTTCCGTGGGTGGGAAGTGCTCAGTGGGTCTCCTCGCTGGGCTGAA
TCAGGGGGGGCGCGGAGCTGCGTTGCTTCTGGAGGCTCCAGAGGAGGATGGGTTTCTGTTC
TGGACTGTTGGTGGACTTCACTTCCTTGGAGCTGTGGGACTGAGATCCCCCTTCCTGGCT

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GGCTGTCTCAGCCAGGGGCCTCTCTGCAGCCTGCACATGACCTCCGCTCAGGGCCAGCGT
CGGGGCATGGAATTCTGTTACGTTG

>SEQUENCE:1731:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAATCACGCA
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TCCCCCTTAAAAGTGCCCCACCACCCATGAACTTCACTGATTTACTCAGGCTGGCTGAGA
AAAAGCAGTTTGAACCAGTGGAATCAAGGTAGTGAAGAAATCAGAAGAGCGACCTATGA
CCGCAGAAGAACTTAGGGAGCGAGAATTCCTTGAACGAAAGCATAGGAGAAAAAACTTG
AGACAGATGGAAAACCTCCAACCTGTGTCCAAAAGGCACCCTCTCAGAAAGAAAGTG
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TTCCTCATGCTGAGAAGAAATCAAGACCCAGCATGGCCAATGAGAAACACCT

>SEQUENCE:1732:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCATTAACCCAC
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TCTAATGAATCATTTTATTTAAAAAATAACTACAGTTATCCTTTACCAAACCTAAAATTCC
AGGTCTGCAACAACCTTCGATTTGGCACAGAGTTGCTGCAAAGCTTAATGTGTATATTTAC
ACACTTCAGCCCTCTTAAAAGCCATCCTACTATTGATGTCCCCATCGAGTCCTTAGTTTC
CTATGTTTCTATGTTTCTAAGTGGAACAGCAAGTCTCACCTACCTTTAGAGTCCACGCTC
TAATTGCTTTCATTCTTTATAATATGCTGAGCTCACTTAAAAGCTGGTTTCGGCCGCTC
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCTGA
CCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
TGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCAC
ACAACATACG

>SEQUENCE:1734:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
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TGGCTCGGCTGACTCAGATGACCCGGTTTCTAGTGACGAAGCAAAAGTGGGGCTTTTTCC
CTTTTCTAGTCTGAAGCTCTCAGGAGGAAAGAAAAAAAGTCTGTATTCTCCAGTCTC
CCGGGGTTGAACTTTGGGTCAGGAATCAGGAGGGAGGAAGCAAGAGCAGGAGGGGGCGC
G

AGACTGGGCCGCAGCCCGCGCTCGGAAGGTGGCGTGTACCTCGGCCGCTCTAGAACTAGT
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GGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATC
ATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACG
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>SEQUENCE:1735:prostate_MPM2000-004P4Novel007_8Table3

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATATCAGAGGCATTATTG
CCACAGTGAAACACAGGAAATGACAGACACTTTCGGTGAGAAGACAATGACTTAGAAAAG
CAGAGCAGAGTGGGGACAGATCACCTGAGGTGAGGAGTTCAAGACCAGCCTGGCCAACGT
GGTGAAACCCTGTCTTAATAATAACAGAAAATTAGCTGGGCATTGTGGCGGGGCACCT
GTAATCCCAGCTGCTCGGGAGACTGAGACAGGAGAATTGCTTGAACCCGGGAGGCTGAGG
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ATCCCCCGGGCT

>SEQUENCE:1736:prostate_MPM2000-004P4Novel007_8Table3

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACTGCTGCTGATAGC
ACCAAAGGAGGCTTCTTTCTCTCAAGCCAATCCTTGATGTATCTTCGGACAATCTGTCC
AATGATGAGAGGAACCAACAACAGTCATAAAAAGCTGAGAAAAAATAGATGTGAAAGGCAC
AGAAGAAGATGAACCAAGAAAAAGCAGCAGGAGCAGGGGTGTTATAACGATGCCCAAAAA
ACTTCCAAAGGCTGAATTAATATTGCAGCTGCCTCATTTCCACCAACTGCCTTGTTAA
AATCACTGCAGAAGACACAGGCGGAGGCATGCAACCTACTGTCTGCAAACCTTTTAAAAG
CCATTCGTTGATGGGTGTGATTGA

>SEQUENCE:1738:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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GGCGCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGG
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GCAGTGGCTCACGCCTGTAATCCCAGCACTTTGGAAGGCCAAGGCGGGCGGATCACAAGG
TCAGGAGATCGAGACCATCCTGGCTAACACAGTGAAACCCTGTCTCTACTAAAAATACAA
TAATAGTGTATTGCACATTTTTAACTGAAAGTAAATTTAAATGTGCTTCTCACAAAAA
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GACTTCTGCAGGTGGATATGCTGGGTGACAAGAAGAGCATTTCAGGGTTTCTGGTTCTA
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>SEQUENCE:1750:prostate_MPM2000-004P4Novel007_8Table3
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CTCACTGTGTGGAGTAAGGAGCAGCCCTCGCACGTCGGCCTTCTGTTAGCCACGGTTTAA
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TCCTGCTCCCTCTTTTAGCCCGTGTGTCCAGGGGAGAGGATGGGTGTTCCGGGAGCACAA
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CATTTCAAATCTGTAATCCCGTTCAAATAAATATCCACAACAGGATCTGTTTTCTGCCC
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>SEQUENCE:1766:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1768:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1769:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1770:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1771:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACA
GAGCTACTGTCTTCATCTTTTATTGAGAGCCAAACCAGGTCTTATCTAAATGACAAAAA
TATTACAGCTAACAAAAGCAAAAGTGGTGCTTTTATCAAGGAAACCAATATTTAAAGGT
AATTTAGATAGATATATAACCGGAAAGACATTTATTAGCATGCTGAAAATAACACTGATG
ACACTCAGAATACACCTGGTCTCTTACTTTATTTAACAGAGAACCATGGCATCCAGGTAA
CCAATTCCAACCTTTTCTACCATTTGATTTTATGGTTTTCTAAACAATTATCTTTTCCCT
AAGTGGGCTAGAACTCTTTCATTTGAAAGACCTGAGTTTAATGGCACCTATAAATAGGC
TCATATAAAAATGTAGTAAATTGCAACAAATACATTGGCACCAACAGGAAGTAAGCTCTGG
AGTTAGATGTGAACATAATAATTGCTGTACCAAAAAGGGGGAGAACTCTACTGGCAG
AAAATGTCCCTTAGCATCCTTTGAGATGTAC

>SEQUENCE:1773:prostate_MPM2000-004P4Novel007_8Table3

GCGGTGGCGGGCGTTGCGGCGCGCGCGGTCCATCGCATGCGCAGGCGGTGCGCGCAGC
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GCGCCGGTTCAGGAGGCCCGTCAGCTGGTCGCGCTGGAAGCCGTGCGCGCCGTCCAGCG
G
CGCGCGCGCGTCCGTCAGCGGCGCGGCCAGGGCCCTGGCGACTTCGGCCGCTCTAGAAC
T

AGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAG
GGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTA
ATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACAT
ACGAGCT

>SEQUENCE:1774:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGTTGTTTTTCTCCACAT
CATAGCCGGCGGCAGCCAACGCTTTTTTTCAGAGCAGCCAGAGAACTCCGCTACGCTCTT
TAGAGGCGGCCACAGCCTTGGTGATGAGCTCTGACACCGGGGGACCGGACGCCTTACGAG
GCGTACCTGCCCGGGCGGGCGGTTTTTAAACTAGTGGAATCCCCCGGCTGCAGGAATTCG
ATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTC
CTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGA
AATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCC
TGGGGTGCCTAATGAGTGAGCTAACTCACATT

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>SEQUENCE:1775:prostate_MPM2000-004P4Novel007_8Table3

AGCTCCACCGCGGTGGCGGCCGCGCCGCGGCAGGTACTTTTTTTTTTTTTTTTTCTTTTTTG
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ATCCCCCTGCCTCAGCCTCCCAAAACGTTGGGATTACAGGCTGAGTCACCATGCCTGGCT
TAAATTAACTTTTAGGTTCAATAAATCCCAATAAAAAATCCCAGCAGACTTTTTTTTTTTG
TGGAAATTGACACGTAGATTCTAAAATTTAAATGGAAATGAAAGGACTAAAAAGAACAAA
AGACAAACTTGAAAAATAGGAATTTGGAGGACTTCAGTTACCAAATATCAAGGTATTACA
AAGCTACGGTTATTTAAAAAGTAAAAGCAACAGCATGGTATTGGTGCAAGCATAAAAAAA
TAGAGAAAGAAAAACAGTTTTATACCC

>SEQUENCE:1776:prostate_MPM2000-004P4Novel007_8Table3

GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGATGAG
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GATGTAGGCCGGGTGATCTTTGGTCTCTTCGGAAAGACTGTTCCAAAAACAGTGGATAAT
TTTGTGGCCTTAGCTACAGGAGAGAAAGGATTTGGCTACAAAAACAGCAAATTCCATCGT
GTAATCAAGGACTTCATGATCCAGGGCGGAGACTTCACCAGGGGAGATGGCACAGGAGGA
AAGAGCATCTACGGTGAGCGCTTCCCCGATGAGAACTTCAAACCTGAAGCACTACGGGCCT
GGCTGGGTGAGCATGGCCAACGCAGGCAAAGACACCAACGGCCCCCAGTTCTTCATCACG
ACAGTCAAGACAGCCTGGCTAGATGGCAAGCATGTGGTGTGGCAAAGTTCTAGAGGGC
ATGGAGGTGGTGCGGAAGGTGGAGAGCACCAAGACAGGCAGCCGGGATAAACCCCTGAA
G

GATGTGATCATCGCAGACTGCGGCAAGATCGAAGTGGAGAAGCCCT

>SEQUENCE:1777:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGTGCGAATCA
TCGGGCTATCCAGGTCCGAGATCCTAGTCTCCTGTCGGCTCTGAGGAGGATGGATCCTTC
TGCGGATACATGGGACCTCTTCTCACCTTTAATATCATTATGGATAAACAGGTTTTACAT
TTATTTGGGGCTTTGCTGTTAGCATTAGCCCTTTGGATTTGTGTCCAGATTTGTCATCA
AAGACCGCAGGGCAAAGAACTTAACAGGAAAAAATCTTGTTCCTCAAAAAGCAG

>SEQUENCE:1778:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTAGTAATAACCTTTTCAAAA
TATGCAATTTCTGTCCTTGAAGCCTAGGGAGTGGGATGCAGCCACATTAAGACTCATGAT
TAAGCACCTTATTGTGTTAATCATGATATAAAGAGCCTTGTATAACACAAAAGCCGAGAT
CGCGCCACTGCACTTTAGCCTGGGTGACAGAGTGGGATTCTGTCCGCTCCCGCCAAAAAA
AAAGGAGAAGGTCTACCCTGCAAGAGGTGGAGAGAGAGCTAGTGGCTTGGATCTTTGGGG
TGCACATGGGAATTGTGGGCCCACAGTGTCTGGTGAAAGAAGAGGAGGCAGGAGGCCTTT
TTCTTCTCATATGGGGGTTGAGTGGTGGGGGTGCTACT

>SEQUENCE:1779:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGCGGCAGGACTTTATA
GTTTAGGCTGGACATTGGAAAAAAGCCAGAACACATGTAATAGATAATATGATT
GGCTGCACACTTCCAGACTGATGAATGATGAATGTGATGGACTATTGTATGGAGCACATC
TTCAGCAAGAGGGGGAAATACTCATCTTTTTGGCCAGCAGTTGTTTGATCACCAAACAT
CATGCCAGAATACTCAGCAAACCTTCTTAGCTCTTGAGAAGTCAAAGTCCGGGGGAATTT
ATTCTGGCAATTTTAATTGGACCCCTTATGTGAGAGCAGCGGCTACCCAGCTGGGGTGG
TGGAGCGAACCCGTCAGTAGTGGACATGCAGTGGCAGAGCTCCTGGTAATCACCACTACA
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>SEQUENCE:1780:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAAGAAA
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ATCTATCTTCTGCTTTTACTTTGTGTAGGGTAGGGATGGGGACTTACAAATGGGCCAAAG
ACACTTCAACCTCAAACCAAAGAGAAATCCCTGCTTGCAGAGATACAAAGAAAGTAACT
CTCCCTCTTATGAAAAGCAACCAGGAACCTACTCCAGTTATGAGGGCCACTGATGGTGT
GGGAGAGCTATCAAGAAGATTCTTCATAGACGTGGTGCAAAGACAGTGAGAACCCGGGAA
ATCACATTCATGGGACACTTGCTCTTACCGTCATCACCTCTATTCTATCTCAACTTTGG
CCCCATCAAATCTAATGATAAACAAAGAAAGGTAATTACATGTAGAAAATCAAAGTGAAT
GGGAATGTGGTGGTGTGAACATCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTG
GATCCCCCGGGCTGCAAGAATTCGATATCAAGCTTATCG

>SEQUENCE:1782:prostate_MPM2000-004P4Novel007_8Table3

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ACGACTACTATANGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGATCA
CTCAATTTCTCTGAGGACACAGATAGGATGGGGTGTCTGTGTTATTTGTGGGATACAGAG
ATGAAAGAGGGGTGGGATCCACACTGAGAGAGTGGAGAGTGACATGTGCTGGACACTGTC
CATGAAGCACTGAGCAGAAGCTGGAGGCACAACGCACCAGACACTCACAGCAAGGATGGA
GCTGAAAACATAACCCACTCTGTCTGGAGGCACTGGGAAGCCTAGAGAAGGCTGTGAGC
CAAGGAGGGAGGGTCTTCCTTTGGCATGGGATGGGGATGAAGTAAGGAGAGGGACTGGAC
CCCCTGGAAGCTGATTCACTATGGGGGGAGGTGTATTGAAGTCCTCCAGACAACCCTCAG
ATTTGATGATTTCTAGTAGAACTCACAGAAATAAAGAGCTGTTATACTGCNNNNNNANAN
NCAAAANNCNAAAAGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCT
GCAGGAATTCGATATCAAGCTTATC

>SEQUENCE:1783:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGGGAGTT
G

TAGGTGAGCAGCCGCTCCAGCAGCGAGTATCCCAGTCCATGCTTCTGGGTCAGGGGAGAA
CGCACCACAGGCCCCAGCTGCCGAGGGTCTCCTGCCAGCACCAGCTGCCCTCCTGGATCA
CCTGTTCCCTTTACTTCCATCAGCCCTGCTATAGCTACCAGACTCTCAGGCTCCATGCAG
TGGCCAGCCTCATCGATGAAGATGTGTGTGAAGTGATCAATGGGAACTGGGCCGAGACC
AACCTGCCGGCAGTGATGAGGGTGGCAATTAAGACCCGGTATTCTGCAGCTTCTTCTTG
GCGGGAAATACATACTCCCCCTTCTTTGCGTCCCAGTTGCAGCAGGGCTTGATGTCCTCA
AGTACC

>SEQUENCE:1784:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGATTTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATGGGACTAC
AGGCACGCCCCACCATGCCAGCTCATTTTTGTATTTTGTAGTAGAGACAGGGTTTCACCA
TGTTGGCCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCCGATCTTGGCCTCCCAA
AGTGCTGGGATCACAGGCGTGAGCCATCACAACCTGGGGCCCTCTAATTTAATTCCTCTT
TAAAGAGTAGAGTAAAACTATTGATAGGGCCAAAAATTATTTTAAGTTAAATCTTTT
TACCTTT

>SEQUENCE:1785:prostate_MPM2000-004P4Novel007_8Table3

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAAGCAGTAGGTGTTT
TCCTCAAACCTTGTTGGCACTGTCCGCAAGACTGGGGTGCACAACCTCCATGGTTGCCTGTC
AGCCCCAGGTCCACAGTTCGGCCCCAGGGAGTCCCGAAGCCTCCGGCCAACGGTATCCATG
ACTGTGCTCATTTTGGCCTGTTTAAGCTCATGGATCCTGGTAGTCAGGATGCGGCCGCTC
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGA
CCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT
TGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCAC
ACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGG

>SEQUENCE:1786:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGTCTTCAAG
TTTCAAAAATCTCTTCCTATAATTTGATTCCAAATGCTTAGCAAAATCAAAGTCACAGTC
TCAAATTTGAATGTATGTCCCCAGCGTCATTCCTAGTATCACATTTTATACTAATCAGAA
AATCAAAAGCCACACTAAGTAATGTAAAGAGAGAGGAATTAATACCAGGACTTGGTTACA
CGGTATTGTCAAGCTGAAGGAGGAAAAATGGAATGCTGAGCTCACACACAGATAAATGTC
TGCAGGAAGCAACTCACCTGCTAAGTCTGTTGGCACAGAAGGGAACAGGTGGGCTTTATG
AAACAAAAGAGCACAGAGGAGGGCGCTGTGATGCTGGAGCTTAACTTACATAGCTGGTG
CTTATCTCTTGGAGGGAGAGTTTTTCTGCTGATGCTGAAA

>SEQUENCE:1787:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGAATATGAACACAGCACACA
CATGAGAGACGCAAGTGCCAAATGCCTTGGCCTGGGCTTCACGTGTCAAGCCCAACACAG
TCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGTCCAGGCCAATGGCGGAGA
TGATGACGATAAGGCCATAGACGACATTGACCCGGATATCATCACAGGCCAGCTTCATGA
CATCTTGGTGTAGGCAGTAGGAATGGGAAGGATATTGGAGCGGCAGAAGGGCAGCTGCT
TGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCACCCACAGCAGCCACACCAA
TTTTGGTGACACGAGGCAACGTAAGTACCTGCCCGGGCGGCCGCTCTAGA

>SEQUENCE:1788:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGGGGG
A

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CCTCCTTCAGTGGCTGTATTCCGAGCGAGAGGAAACTTCTGGATGGGCAGAGCTCCCAG
TAATGGACTTGGTCAGCCATTTTGTATGGAACGAGAAACAGCCTGAGACTACTACTGCTA
TTCAGTCTTCCAGAATCCTTGTGCCAAGAAACCAGCAGGGAAGGAAAGGAGGCACCACCC
TGGAAGAGATGGAATTTCACTCATCGCCCAGGCTGGAGTTCAATGGTGCAATCTCTGCTC
ACTGCAATCTCCGCTGCCCGGGTTCAAGCGATTCTGCTGCCTCAGCCTCCCAAGAGCCAG
GAAATGGATGGAGCCATTGACAGAAGTTTTCTTCAGGATCCTGGAGAGCATGTGGGACAG
CAGT

>SEQUENCE:1789:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCGAACGC
TGACAAATGAAGTTCATTCACTTCACTCAAAAGCGGCACTCAGACTTAACGCGGCCA
TAAACGCGGCGGAAACTACAGTGCCACGATGCACCGCGCCAGCCCCGGCGCTCTAGAA
CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCG
AGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCG
TAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAAC
ATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTG

>SEQUENCE:1790:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCCAAAGGATCCG
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AGCTCTAACTTTATTTCTCCAGAAAGACACTCCCCAGGGCAGAAATAGCGACCATGGC
GAGGATGAAGTCATTGCTGTTTCCGAAAAGGTGATTGTGAAGCTTGAAGACCTGGTCAAG
TGGGTACGCGGGATACCAAGTTTATATAATTTGAAAAAAAAAAAAAAAAAAGTACCTGCC
GGGCGGCCGTTCTAGAACTAGCGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT
CGATACCGTCGACCTCTAGGGGGGGGCCCGGTACCCAGGCTTTTGTTCCTTTAGTGAGGG
TTAATTGCGCGCTTGGCGTAATCATG

>SEQUENCE:1791:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC
GTTTGCTCATACACGCACATCCAAAAGCCTGTGCCTCATTCTGGCCATGGGTGAGGACT
TGGTCTGTCACGGCTGATGAGGACTCCCACAACCGGCCAAGTTATGTCTTATTATACACC
CCCAGAAAGAGAGAAAGCTGCCTTCTGGAGGACTGATTCCACATGCTATATTCAGCTGAG
TTGATTTCTGTGTCTATTTCAACCCATAACCTGAAGAATGATCACCTTATTCCTTATTCA
TTAATTTTCTTGATTAATAGGGAAACTTGGGAATAGCTATAAAGTAAACTTGGGTGGAA
CCTGNGGCCCTGGCATCACACAAGTGTGATTAGGATGGTCAAGGTCATCAGGAGTACCTC
GGCCGCTCTAGAACTAGTGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGAT
ACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT
TGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC
AATTCCACACAACATACGAGCCGGGAGCATAAAATGTAAAGCCCTGGGTGCCTAATGAGT
GAGCTAACTCACATTAATTGCGTTGCGCTCACT

>SEQUENCE:1792:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTGCTTAAAGGCATGTATAA
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AAAAAGAAAACAAACAAGAACTTTAGGATATTCTTTTGAAGGCAACTGCATGATGCTAG
ATTGTGTCCACGGACTAGATTTCTAAAAGGCCATCTAAAATACATTTTAAATACTTATT
CCTTTCACAGGTAATATCTTACGAAGTTTGATTATTTTGAATTGTCATAATATGGACTT
AATATGGGAGGAAGGTAGTTCCAAAATGACAGAAGTAATCGCTTCCACATCACTTTTGT
TTTCTATTTACATATACAAACACATTTTCTCTTGTACAATAGTATCTGAAACATTAAG
AGGTGCTCATAA

>SEQUENCE:1793:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCATCTCTAACTCC
GTGTGTGATGAAAACGCCTCCTTTTCTGACCTTCAAAGTCCCCTGTAGAGACCATGCATG
CTCTAAGCCTTAGGGAGTGAGACCAACACCCATCCCTGCCAGCCAACAGTGGCCGGGGC
TTGTCTTATGTTTCCATCTGTTTCTTTCGTGGCATTCAATTTTCAATTTTCTTTTCA
TTTTCATGTTATTTTCAATTATTGGCAAAGAAAATCAAATGTTTATAGCCAAATAACAAA
TGTGCCATGTAAAAGTAAGTCTGGACTTAAGAGTTTAAATTTTAAACATCAGTTTCCA
AGTTTATATCATATTAATACATTTCACTGGATAATTTATTTAAAAAAAACACTATGCCTT
AATATCCCTTATTTGCAATATTCAGTATCAAATTAGAGCAT

>SEQUENCE:1794:prostate_MPM2000-004P4Novel007_8Table3

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TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTCACTTTTGTGAATA
ATTTTATTTTCCAACCATGGAAGCATCATCGTGAGGTTGAAAGAGGATCATTCTTGGAAA
ATACAATTACTTAACAGTTATGTGACCTGGGACAAGTTGAAGCCTAAATGTCCTCATCCA
TAAATGGAAACTTAAGTAAACCCTCATAAGGAAT

>SEQUENCE:1795:prostate_MPM2000-004P4Novel007_8Table3

TACGACTTACTATGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGG
TACACCTGAAGCCGGCCCTGATTTTCATAATTCTCACTCAGGTTATTCATGGCCATTAAG
GCTTTTTCTTAATGTGTGGATCAGTTTTGTTGATCATGTTTGCAATAATTGGGAGGCCT
CCCAATTTGCGGATTGTCTCTTGATTGCATGAATAATTGGCATTGTTGCTCAGAGTGAGC
AAAGCTACCTGTTGGATGAAAGGATCATCAGATTTCTGAAGCAAGGCAAGGACCTTCCTG
AGATCGCGGACACCCAGAATCTCATCAATTTTCATAAGGAAAGGGGCGCTTCTGCATGGCA
ACGGGTCTTCTTCCCCTCCCTCTGCGCTGGGTCTCGGGCTCAGAGTCTGAATCTGACTCT
GTGTCAGTCCACCGGACTCCCCTTCTCAGAATCAGGGACCTCTGCCAGGAAAGCCTGT
CCGCCATTAGCAGAGGCTGCAGCAGCTGCTGCAGCCCCATCTCCAGGACGGAAGCCCATC
CCCAGTTCGTCTACTTCAACTTTGCTTTTCTTGCCCTTGCCCTTGCCCCCATTCCGGGAC
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>SEQUENCE:1796:prostate_MPM2000-004P4Novel007_8Table3

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TTCTGCTAAAGGGATCCTTCTAAAACCCAAGTATAATGACCCCGCGTACTTCTTGCCCTT
GTAGAATTTCTGAGGTTTTCTTTTGGAGTCTGGGTAAATAACATGTGAGAACACGGGC
AATGGATTTTCGGACGACTCGGATCTTATAGAGCTTTGGAGGCCGACCGTCCTGTCACT
TTTGGGCGACGCGCATC

>SEQUENCE:1797:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCATTTCTCCAGGGATC
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AAAACATGTCACTACTTAGACATTATATTGTCATCTTGCTGTTTTAGTGATGTTAATTA
TCTCCATTTAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTATTTCTC
ACCTCTGTATCATCAGGTCCTTCCCACCATGCAGATCTTCTGCTTCTCCCTCGGCTGCAG
CCACACAAATCTCCCCTCTGTTTTTCTGATGCCAGCTTCTCGGCACTTGCTATTTCTCCC
CGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA
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>SEQUENCE:1798:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAG
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GAGTGTTTTGAGAAAGAAGTGGTGGGACGTCAGTGTCTGTGGAAAATTTCAAGGAAAAT
GAAGGATCATTGAGATGAACAGTGTGGCAGAATTGAGAACTCTTGATGTTTCAGTGAGCT
TTAATGGAGGAAAATCTGTCATTTTCAAGGATCATTAAATTGTCACAGCCACAGAATGTTCTA
ACGGGATCGCAGCCATCATTGTTATTTTGGTGTTACTGCTACTCCTGAGGATCGGTTTGA
TGTGGCGGTTTTGGCCCCCTTGCTG

>SEQUENCE:1799:prostate_MPM2000-004P4Novel007_8Table3

GGCCCTCTAAAGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGGCTT
TCGAGCGGCCGCCCGGGCAGGTACTGGTGCTACACCATGCGCTCGTGGTTCCTGAGGGCA
CAATTCATTCATTCTGTAAACAGGGCAAATTTGAGATTCAGACCTCCAAGGCTCCAAGCT
ACATTGCTTTATTGGAGGCGGCCACTCCGGATGATCCCAATGAGGAGCCGACTGCTCCTC
AAGGCCCTTCTTGTTTTAAACATCTTGGCATATATGGCTTCTCTATTTTAGGAGCAGCT
GAAGGTCCCACGTGCTCCTCAAAGAAATTAACCTCATCTCCAGGTTTGTCTGTATTTTCC
TCAAATCTTCTTCACTATCCTCTCCTCCTTCAAGCAGCATCACCACTTCTCTGCAGAA
ATTCTTTCTGCTGGAGGATAAGCCTCATTTTCCGATTGAAACGGTTCCGAGGCTGCTTTA
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>SEQUENCE:1801:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGC
G
GGATCAAAATGTTAAGTCAAATCTGTAATACTTTGGCTAAAATTCATAAAGTAAGCCCTA

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GAGAAAATACTTGACCACCAAATTTTTGCCCAACTATCATCACCTCCCTTCCCCCGCCTC
TGTTCTTGCCTTTTGACATCTACATGGAAGACAAGTTCTTTACAGCAAATGGTAAGAGGC
AGGTGACCTGGTGTGTTTGCTGTGTTGTAGTTCATTGCCTGTGGCTTGGGACTCCTTTTT
TAATGGAGAGACTAGCTGTGCAGGTGTGTGTTGGATAGGGATAAAGTGCTCACCCCTGCC
CTCTCTACAGTAGTTGGTGGTAGATTTCTCTCTCATTTTGCCTCATAATCACTTTCGAGT
GCATGTATTTACCTAAGGGCTGTAGCTCTGTGGGATGCTACCAGCATATTGGACTGACAG
AAATTGATTACCTTGCCACTCCAACCTACGTACCTCGGCCGCTCTAGAACTAGTGGATCC
CCCGGGCTGCAGGAATTGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC
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ATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATA

>SEQUENCE:1802:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACAAACTCGGGCCTCAC
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AACATATGATGCCTGGCCACAGAGAAGGTATTTGTAATTGGATTCTTCTGGACCAGCCCC
AACCTTTGAAGTTCTAGAATTAGGTGCCCCCTTTGCCCAAAGGCTATCAGCTATTGGAGG
GGAGGGTGGCAGTATGTCCCTCACTGGGTAGCCTGTGAACACTAACTGACTTCACCAGTG

>SEQUENCE:1803:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGG
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TGTAAGTGCCTTCCTTGGAGATATTTAAACATAAATATATACAGAGAGGGTGAAGATGGAG
GAGTGCTTTTACAGTTCACAGTTGGCTTTTTTTCATGTGTGACAGGTTTTTGCTGTGTTG
CCCAGGCTGGAGTGCAATGCCACAATCTTGGCTCACTGCAGCCTCAACTTCCCGGGCTCA
ATCGATCCCCACCTCAGCCTCCCGAGTAGCAAGGACTACAGGCGCACACCACACACCT
AGCTAATTTTTGTATCTTTGTAGAGACAGGGTTTCACCATGTTGTCCAGGCTGGTCTTG
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>SEQUENCE:1804:prostate_MPM2000-004P4Novel007_8Table3

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GTCTGAAACTCTGATAGAAGACGTGCTGAGACCTCTGGAACAGGCATTGGAGGACTGCCA
TGGTCACACAAAGAAACAGGTATGTGATGATATCAGCCGACGCTTGGCGCTGCTTCGAGA
ACAGTGGGCTGGAGGGAAGTTGTCAATACCTGTAAAGAAGAGGATGGCACTGCTAGTGCA
AGAACTTTACATCACCAGTGGGATGCAGCAGATGACATTCACCGATCACTCATGGTTGA
CCATGTGACTGAGGTGAGTCAGTCAGTGGATGGTGGGAGTAAAAAGATTAATTGCAGAAAAGAA
GAGTCTATCTTCAGAGGAGACCATAGAAGAGAAATTTACAGTGGAACTGATAACCATAC
AATACCAGGCTTCCAACAGCCATCATAATGCCTGTGGCTCCCCAGACTCACTTCACCTGA
CTTTCTATGCCT

>SEQUENCE:1805:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGTGACTACCAGCATCCATACTAATCT
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ATCACTTGGGAGATTTGTTTTGGTCTCTGGGTGGATTGTGGATGGTAGACAGATCACAGG
CCAGCATGACCTGTCTTTGGCCTTGCTGGTTATAGAATCTCTATTCTGCAGAGCTAAGAG
TGCAAACTAGGACCAACATTACCAAGAGGACAGAAGCTATCTGGGGATCCTGGCTGGCAG
TGCTCAACTTACAGCTCAAGCCTGTGATAACAGGAGAGGTGGAGTGTGTTTTGTGCTTCA
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>SEQUENCE:1809:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1812:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1814:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1815:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1816:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1817:prostate_MPM2000-004P4Novel007_8Table3

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CACACTTCTTTGTATTTAGAAGAGTCTTGATGCTTCTAATCAGGCACCCAGAATTCCCCA
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>SEQUENCE:1818:prostate_MPM2000-004P4Novel007_8Table3

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GACCAGGCAGCCTTGCGCACGCAGGGTGCGGATAGTGGCGCTGGAGCAAAAGCGGTACA
G

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CACAACGACCGCAGCCACGCCGCTTGCCTCGCGCGCGGCGGCAATGGCCGGCATCACCC
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>SEQUENCE:1821:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1825:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1827:prostate_MPM2000-004P4Novel007_8Table3
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TCTCGGCTCACTGCAACCTCTGCCTCCTGGAATCAAGGAATTCTCCTGCCTCAGCCTCCT
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>SEQUENCE:1829:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1834:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1837:prostate_MPM2000-004P4Novel007_8Table3

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CAGGTCAATGACAAAAGTACAAAATCTGCAAGCAATTATTCACAACTTGGAACATTTGC
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>SEQUENCE:1838:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1839:prostate_MPM2000-004P4Novel007_8Table3

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TCTACAAAATAAACTTGCATATTCTACAAAATATTTGTTACCATTGGAAGTAGGTAGGCA
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>SEQUENCE:1840:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1841:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1842:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1843:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1844:prostate_MPM2000-004P4Novel007_8Table3
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GGCCATGGCACAGCCAGCAGCCTTCTGGCAGTTCCTGAAGGACAGCAAGTTTGACAGAGA
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>SEQUENCE:1845:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1846:prostate_MPM2000-004P4Novel007_8Table3
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AACAAGTCAACCTTTACTTTTCAGGATTTCAATTGGGGAAAAATTAAACATTCACCAGCA
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>SEQUENCE:1847:prostate_MPM2000-004P4Novel007_8Table3
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TGATGCCACATTTGGAATTGCCTTCTTGATATCCCTTCTGAGAATGCATTGCCTGCTTT
TTAACTCATTATATTCAAACTAAGTTCATCATCATTCTCTCCTTACACCAGTTCTGACC
CTGACTTTGCCATTTTTCTTACTAAGTACGCGGGGGTTTTTTTTCTTGCTGCAGCAACG
CGAGTGGGAGCACCAAGGATCTGGGGCTCGGGACGAGACTGCACGGATTGTTTTAAGAAAA
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>SEQUENCE:1848:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1850:prostate_MPM2000-004P4Novel007_8Table3
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TCCTGCTCCCTCTTTTAGCCCGTGTGTCCAGGGGAGAGGATGGGTGTTCCGGGAGCACAA
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>SEQUENCE:1851:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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TAGCCTTCATGACTATCACCCTGATCTCATCAGGAAGTTTAAAGTATTGGATAGCTATA
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>SEQUENCE:1852:prostate_MPM2000-004P4Novel007_8Table3

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ACCTCAGCCTCCCGAGTAGCAAGGACTACAGGCGCACACCACACCTAGCTAATTTTT
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>SEQUENCE:1853:prostate_MPM2000-004P4Novel007_8Table3

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AGGCTGAGGCAGGCCGATCACTTGAGGTCAGGAGTTAGAGACCAGCCTGGCCAACATGGC
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GTGAGACTCCATCTCAAATAAATAAATACTTAGTGTATGATAAAAGCTAGAATAAACATA
CTGTTTTAAGTAGAATTCTGAAACAACCTCAAATTCATTTAAACATACATCAATTGACAG
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CAAGTGATCTGCCACCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATG
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GAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTT
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>SEQUENCE:1855:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1856:prostate_MPM2000-004P4Novel007_8Table3

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AAAGCATCCATGATGAGGTTGTAAACAGACTTAAAAAGGCCTATGCACAGATCCGAGTTG
GGAACCCATGGGACCCTAATGTTCTCTATGGGCCACTCCACACCAAGCAGGCAGTGAGCA
TGTTTCTTGGAGCAGTGGAAGAAGCAAAGAAGAGGTGGCACAGTGGTCTATGGGGGCA
AGGTTATGGATCGCCCTGGAAATTATGTAGAACCGACAATTGTGACAGGTCTTGGCCACG
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TTACCAAAGATCTGGGCAGAATCTTTGCTGGCTTGGACCTAAAGGATCAGACTGTGGCA
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>SEQUENCE:1857:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1858:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1859:prostate_MPM2000-004P4Novel007_8Table3
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TGAATGTAACCCCTTCCCAGCAT
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>SEQUENCE:1861:prostate_MPM2000-004P4Novel007_8Table3
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GGTGACTTCAGCACTACAGTTATCCAAAATGTCAATAAAGCGCAAGTGAAGATTTCAGCG
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GACAGTTATGAACTGACTGGTTTAGCCAGAGGTGGGGAAACAGTTGGCTAAATTAAAGAGG
AATTATGCCAAAGCAGTGGAACACTGTTGGTGAACACTAGCTTCTCTGCAGACTTCTTTTGT
ACTTTGGATGAAGCTATTAAGATAACCAACAGGCGTGTAATGCCATTGAACATGTCATC
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AATTCGATATCAAGCTTATCGATA

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>SEQUENCE:1862:prostate_MPM2000-004P4Novel007_8Table3

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CACACGTGGCAGGTGGTGTGGGCCAGCTTCCAGCAGCTTTGGCTGCTAAGGGGGCCGGGAC
TCTATTCATTGGGCGGTGGGGATGCTTATAGGTGCCCAAGAAGTGCAACAATGCTGCCTG
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>SEQUENCE:1863:prostate_MPM2000-004P4Novel007_8Table3

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TTTGATGAGGATGAGTTGATGGCAGAACTTGAAGAATTGGAACAGGAGGAATTAATAAG
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>SEQUENCE:1864:prostate_MPM2000-004P4Novel007_8Table3

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TGGGAGACAGTCCTCATCCTGGAAGAACTCAGAGGGGATGAAGGCACGAGGAGTCAGGGG
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CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG
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>SEQUENCE:1865:prostate_MPM2000-004P4Novel007_8Table3

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CAGTTCACAGTCGTCTTTTTCATGTGTGACAGGTTTTTGCTGTGTTGCCCAGGCTGGAGT
GCAATGCCACAATCTTGGCTCACTGCAGCCTCAACTTCCCGGGCTCAATCGATCCCCCAC
CTCAGCCTCCCGAGTAGCAAGGACTACAGGCGCACACCACCACACCTAGCTAATTTTTGT
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CAGCCAATACTCTTAACGTTTTTACTTTTCACTTTTAAAAATTAAGTCTTTTTATGAAAA
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>SEQUENCE:1866:prostate_MPM2000-004P4Novel007_8Table3

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GAACCAAGCTGGGAATCCAACATGTAGAAGTTAAACACAAGAGGAGGAGCCAGCAAAGG
AAACAGAAACAGAGCTTCCAGCAGGTGGGGGGCATTGGAAGAAAACGATGCCATAGAAG
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AAGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGAT
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>SEQUENCE:1868:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAG
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>SEQUENCE:1869:prostate_MPM2000-004P4Novel007_8Table3
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CAAGTTGCCAGTCACGTCAGGGGGGAAGGCGGCGAACATCTGGTCAACCTCCTCCTTGA
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>SEQUENCE:1872:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1873:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1874:prostate_MPM2000-004P4Novel007_8Table3
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CATTATGAGACTTTGGTTATGGCTTTTTTAACTTAGGCCTTAGATTTCTCAAATATGAA
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>SEQUENCE:1875:prostate_MPM2000-004P4Novel007_8Table3

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ACGTCCTCTTGGCAATGTCCTCGTTGATAATCTCAAGCAGCTCAGGAGGTGGGGCGTTAT
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>SEQUENCE:1876:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1877:prostate_MPM2000-004P4Novel007_8Table3

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T

>SEQUENCE:1879:prostate_MPM2000-004P4Novel007_8Table3

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TAGCCCAGGCATGCAGTTACATTACATTTTCCAACCTTCCTTGCAAGTTAGCTACGATCAC
GTGACTGCATTCTGGCCAGTGAATGTGTGTGGAAGTGATGTGGGCCAATTCCAGGCCTG
GCCTATAAAAATCCCCCACTTTTTGTTCTCTTTCTCCATCCACCATCTGCATGGAGAGCT
CCCAGCACTAGAGGGAGAAAAAGCCACCAGAGGGAAGGAGCCTGNGTCCCTGAATCACTG
TGTAAGTACCTGCCAAACATACACCCTGAATTGTTATGGCAATAACAAATAAACTCCTA
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CTAAAATGATAATTGGAAAAACCTTTCTGAAAATGACTGAGCTAATATTTGTAAAGGCTA
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>SEQUENCE:1880:prostate_MPM2000-004P4Novel007_8Table3
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T
GGAGGCCACCGGCCAGAGCCGACCCCAGGAGTGAGAGAGACAGGGGGCGTGCGTGAGTTC
C
GGCGGCCTGCACCGGGCAAACCCCGTACCTTCCCAGCATCGGCTCAGCAACCCACGTGCA
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ATCCGAAGTTCCAGACAAATGCCCAAACCTACATTCCTGCATGTTTCGAAAGCGTAAATTGC
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CACTTTGGGAGGCCGAGGCGGACAGATCACGAAGTCAGCACTTCGAGACCAGCATGGCCA
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>SEQUENCE:1881:prostate_MPM2000-004P4Novel007_8Table3
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CTACTACCCTTTTTGGAAAGACAAATCTCCTTCCCCTCCCTGTCCTCCTTCTTCTACAT
TCCCCTAGGGCTGTGTACCTCTCTCTCAGCGTGCCCTGCCTCGGTGCCTCTGTGGCAGGG
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CTTTCCTAACCTCCCTCACTCCTCCAGCTCCCTTCTGCTGGTGAATGACATCTCTTCACG
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>SEQUENCE:1882:prostate_MPM2000-004P4Novel007_8Table3
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GCAACCTGACCTCAGGTGATTCACCCGCCTCTGTCTCCCAAAGTGCTGGGATTACAGGCG
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>SEQUENCE:1883:prostate_MPM2000-004P4Novel007_8Table3
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TCCCATGTTGGTCTCCCAAATGCTGGGATTACAGGCGTGAGCCACCATGCCAGCCAGA
TGTAACAATTTTTAAAGTCAGTCCGTAGGGTTGAATTTACCTGTCATTTCTAATTTGTG
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>SEQUENCE:1884:prostate_MPM2000-004P4Novel007_8Table3
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GCTCCACATTCAGACCAGCTTTGTGTTGGTTTGGTTTGTGAGTCTTTCAAGTTTATCCA
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>SEQUENCE:1885:prostate_MPM2000-004P4Novel007_8Table3

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GTGCAATCTTGGCTCACTGCAACCTTCCCCTCCTGGCTGAGTTAACTTAGGAGAGCTTCC
TGGAGAGGGGCACCTTTGAAGATAGGAAGGATTTTCATGAAGTCTTTACTAGGCCACTAGAG
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CTTTGGGAACTGCTTTGGGCCTCTTTAGTCCTAGGCTCACACGCCCCCTTAGAAACAAAGT
AAGAATAAAGCCAGGGATAATACAGTGAGTGGCCAAGAACACAGACTCTGGAGCCAGACT
ACCTGGGTTTGAATCCCAGTTACCAGCCATGTGACTTTGATCAAGTTGCTTAACCTTTGT
GTGCTTCAGTTTCCTCATCTGTAAAATAAGGGGATGGTAATTGTGACTTCCCAGAACTAT
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>SEQUENCE:1886:prostate_MPM2000-004P4Novel007_8Table3

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AATCATAAGTGGTTTTTAAAATTTATTATACATATCGAGGTAAAGATAATCCAACAGAAA
ATGAGATTTGAACAGACACTTCACAGGAGATAGACAAATGTCTCAACCTCATTAGTCACC
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ACTTGAAAGACTGACAAACCAACCAACACAAAGCTGGTCTGAATGTGGAGCAAGGAAGA
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>SEQUENCE:1887:prostate_MPM2000-004P4Novel007_8Table3

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CCTCCCGGGTTCAAGTGATTCTCCTGCCTCAGCCTACCGAGTAGCTGGGATTACAGGGGC
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GGATTATAGGCGTGAGCCACTGCTCCCGGCCACAATCTACAACTGGATTTGTGCTTTGCA
ATTTACGCTTTTGAACATGCAGGAATGTAGTTTGGGCATTTGTCTGGAACCTTCGGATTCT
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>SEQUENCE:1888:prostate_MPM2000-004P4Novel007_8Table3

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ACTTCATGTATAAAAAATAAACATTTGACAGAACTCTCAGAGCAAAGCTATCTGAGGGAT
TCTTTAAAGCTTCCAATTTATCAAATTACCTTTTTTTTTTTTTGGTCGGCAGGGGGAAGTAG
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>SEQUENCE:1889:prostate_MPM2000-004P4Novel007_8Table3

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TTTGAGGGCCTGCCTTGGCTCCTGCACCCACACAGTTTCGTGTTTCTCCCTTTATTCT
CTCCACCCAGAAAGGTGACAAATCCAAGCCCTGGATGTGAGGGGGGTCCACAAGAGTAAT
TCTGGAGAGATGGGGTCAGGTGAGGAATGGTTAGAGACCCAGGGAGCCAAGTCACGGGAC
CTCAGTGACCCCATGGCTGACCTACCGAGACCTCCAGTCGCCAGCATCGGGTAGGCCAC
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>SEQUENCE:1890:prostate_MPM2000-004P4Novel007_8Table3

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TCTTGGTCTGTGCGCCAGGCTGGAGTGCAATGGTGCAGTCTCAGCTCACTGAAACCTCTG
CCTCCCGGGTTCAAGTGATTCTCCTGCCTCAGCCTACCGAGTAGCTGGGATTACAGGGGC
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GGATTATAGGCGTGAGCCACTGCTCCCGGCCACAATCTACAACTGGATTTGTGCTTTGCA
ATTTACGCTTTTGAACATGCAGGAATGTAGTTTGGGCATTTGTCTGGAACCTTCGGATTCT
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>SEQUENCE:1891:prostate_MPM2000-004P4Novel007_8Table3

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ATTCAGTCCAAGAATGCTCAGGCCCTGGGTCTAGTAACCAAAACATGGCACTCACTGTG
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>SEQUENCE:1892:prostate_MPM2000-004P4Novel007_8Table3

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TAAGAAAGAATATTTAAGCAGCCTAAGCCAGGCGTGGTGGCTCACGCCTGTAATAGCACT
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>SEQUENCE:1894:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1895:prostate_MPM2000-004P4Novel007_8Table3

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GTGACTATCTCCTAAAGGGATTGTGGGGAAAGCCAAAATACAAAAAAGGGCAATAGAG
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>SEQUENCE:1896:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1897:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1898:prostate_MPM2000-004P4Novel007_8Table3

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CGGAAGCATAAAGTGTAAGCCTGGGGTGCTAATGAGTGAGCTAACTCACATTAATTGC
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>SEQUENCE:1899:prostate_MPM2000-004P4Novel007_8Table3

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CTCAGGGATGACGAAAGGGAAATAAACAGAGTAACGTTTAAGAAAAAAGAAACACAAAA
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>SEQUENCE:1900:prostate_MPM2000-004P4Novel007_8Table3

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AGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAATATTTTG
TGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACTTTCTCAAAGGC
CATTAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTATATTGAT
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>SEQUENCE:1901:prostate_MPM2000-004P4Novel007_8Table3

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AGACAAATGCAAATTAAGTCAAAATGCAATACCTGTACACACCTCACAGAATGGATAAA
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CGCTCGTACTCTCCTGGTGAGCAAGGTGGAGATGGTAAAAGAGCTGGTGTAAACCACTTTG
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>SEQUENCE:1902:prostate_MPM2000-004P4Novel007_8Table3

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TTCTGTGAGGTGTGTACAGGTATTGCATTTTGAAGTTAATTTGCATTTGTCTGGTGACTA
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TCTAAATTTTTTAAATTTCTTCACTTGTTAAAGGTAGTGTCTTGTCTACTCATTATCAA
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>SEQUENCE:1903:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1904:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1905:prostate_MPM2000-004P4Novel007_8Table3

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CATTAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTATATTGAT
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TTAT

>SEQUENCE:1906:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
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GCATCCCTTCATCATTTTTGTTGCCCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGT
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TTACAGGCATGAGCCACCACGTCTGGTCAGACAGGCATAGTTTTACAAATATGTGGGTGG
ATAAATGCTGTCCAGTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGGAAAT
AACAGAAAATCCAATAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAG
GAATTCTGGAGGTAGACTGGTTCAAGGGTGGATTAATTAATTCTAGAAGTACTCTCGAGG
GGGGGCCCGGTACCCAGCTTTTGNTCCCTTTAGTGAGGGTTAATTGCGCGCTNGGCGTAA
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>SEQUENCE:1907:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTT
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GTTTAAGTGTATTACTTAAAATTTTAAGACAAAATCTGGAATAATTATAACTAACACAAA
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ATGAGATTTGAACAGACACTTCACAGGAGATAGACAAATGTCTCAACCTCATTAGTCACC
AGACAAATGCAAATTAAACTCAAATGCAATACCTGTACACACCTCACAGAATGGATAAA
ACTTGAAAGACTGACAAACCAACCAACACAAAGCTGGTCTGAATGTGGAGCAAGGAAGA
CGCTCGTACTCTCCTGGTGAGCAAGGTGGAGATGGTAAAAGAGCTGGTGTAACCACTTTG
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>SEQUENCE:1908:prostate_MPM2000-004P4Novel007_8Table3

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ATGCCCTTTGGATGGACCCCTGTCTAAATGGGCACAGTAAGAAATGTTATATTCAACTTG
TAAAAGATTTGGTTTTTATAAAATTCATATTTGAACTCCCCAATAAACCAATAATTTATA
TTCTATATTTTGTACAAAGTTATAATGGTTCCAGCTGGGCGTGATGGCTCACGCCTGTAA
TCCCAGCACTTTGGGAGGCCGAGGCGGGCGTCACCTGAAGTCAGTGAGACCCTGTCTCTA
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GAGGTTGAGGAGAAG

>SEQUENCE:1909:prostate_MPM2000-004P4Novel007_8Table3

ACAAAACCTGGGTACCGGGCCCCCCCCCTTGAGAGTACTTCTATTAATTAATTAACGCTTGT
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ACTGTTTTATACTAAGAGACTTGGGACTTTAGTATACGAAAAGGTGTCATTTCAAATGG
GGGAAAATGAATTATTCAACAAATGATCTTGGGACAACTGGATAGCCATTCAGAAAAAAA
GTGAAGCTGGAACACTATAACATGCTTTACCCCAATAAATCAGAGTTAAATGTAAAAA
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>SEQUENCE:1910:prostate_MPM2000-004P4Novel007_8Table3

GCGCGCAATTAACCCTCACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCCCCTCGAGAG
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ATTTTCGTTCTGCCCTCCGTTTTACGATTCGCCTACACTGAAAATGCGTGAGTGGAGTGG
AAAGCCTTCCTACTCCTGCCTCAGCGACCCCTTCTAAAATACTGCCTCGTTTGGCCTGAA
AATGTGATTTGCAGGCTTCCTGAGCAAAGTAGATTTCACTCCATTAAGAAAAAAAAG
AAAAGGCACCGAACGGGGCTCGGCTGTGGGAGTTTTGCTTTAAAAAAAAAAAAAAAAAA
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>SEQUENCE:1911:prostate_MPM2000-004P4Novel007_8Table3

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GCTCACTGCAGCCTCAAACCTTCTGGGCTCAAGTGATCCTCCCACCTCAGCCTCCTGAGTA
GCTGGGAATGCAGGCACATACCACCATACCTGGCTAATTAAAAAAATTTTTTTTAATCTC
ACTGTATTACTGAAGCTGGTCTGGAACCTCCTGGCCTTGAACGATCATCTCAGCCTCCCCA
AACTCTGGGATTACAGGCATGAACCATTACACCTGGCTTGAAGAGAAGAGGTTCTTAATA

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TTGAAGAAGTCCATTTATCTGTTTTTGTGTTTTTTTCCCCTCATGTATTGTGTTTTTGGTA
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TCTAAGTTTTTTGTAGTTCTAGGTTTTACATTTAAGTCTCCAATACATTTTGAGTTAAAT
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TTTTAACACCATTTATTGAAAAGACTATCTTTTTGCCCATGA
>SEQUENCE:1912:prostate_MPM2000-004P4Novel007_8Table3
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CATGTTTTGTTTTTGCCATTTAAACATTATCACACAATCCTATTCTGAAAGACAAATGTT
CATTAAAAACAAAGCAAAAATAAAAATTCACACCCTTTATTACCTAAGATTGTCATATAA
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>SEQUENCE:1913:prostate_MPM2000-004P4Novel007_8Table3
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TCCACCTACCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGCGCCCAACC
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ACTTCTGAAGATTTTAATACAGCGCAAATGATTTGGGGTCTGTGAATTCAGTTTTATTTA
TTTGGCTCCTTCCTTTAAGGAGTCAGGCTAATGCAAGAAAATCCAATAATTAGATCTTTT
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>SEQUENCE:1914:prostate_MPM2000-004P4Novel007_8Table3
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TTATAGTGTTCCAGCTTCACTTTTTTCTGAATGGCTATCCAGTTGTCCCAAGATCATT
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TCTCTTAGTTATAAAACAGTAATAAACCTTGAACAGGCATTTTCTTAAATACATTTT
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CCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATG
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CGGAAGCATAAAGTGTAAGCCTGGGGTGCTAATGAGTGAGCTAACTCACATTAATTGC
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>SEQUENCE:1915:prostate_MPM2000-004P4Novel007_8Table3
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CATTAAATTATCTTTATAATTTTGTCTTTGAATTTTCTTGTAAAAAGAGACTGGTCTTAC
TTTTTTTATAGTCCTTACTAACAAGGACACTGTAAGACTTGTGAGTTGGTGTGGACTATG
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ACCTGATAAACATCAAACATACGACCAACATAGCATATAAAGCAGCTCTACAGATATTTT
CCTACTGCCCAAATATCATATAATGCACATGTAGGTCACATGTGAGTAGGCAAGAGATT
CTGGAACACAGAAGCAAGACAACAGGATCACAGCAATTTCAAGTATGCTCTGCTTGTTATA
GGAAATCCCCAGAACATTCTCCAATTACTGAACAAAAAAGCAATAAAACTCAGATTTGT
CTGCCTGGGGAGAAATAAACAGAAATAGAAAGTGAATAGCAAAACAAAGCTATCTGGTGA
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>SEQUENCE:1917:prostate_MPM2000-004P4Novel007_8Table3
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TTTTTTTGAAGGGGAGTCTTGCTCTGTCACCAGGCTGGAGTGCAGTGGTGCAATCTTGGC
TCACTGCAACCTTCCCCTCCTGGCTGAGTTAACTTAGGAGAGCTTCCTGGAGAGGGCAGC
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GAGACTTCCTGGAGAAGAGCTCATGGAAAGAAAAACCTACCGCTGGCCCTTTGGGAACTG
CTTTGGGCCTCTTTAGTCCTAGGCTCACACGCCCTTAGAAACAAAGTAAGAATAAAGCC
AGGGATAATACAGTGAGTGGCCAAGAACACAGACTCTGGAGCCAGACTACCTGGGTTTGA
ATCCCAGTTACCAGCCATGTGACTTTGATCAAGTTGCTTAACCTTTGTGTGCTTCAGTTT
CCTCATCTGTAAAATAAGGGGATGGTAATTGTGACTTCCCAGAACTATGGTGGAGAGCAA
ATGGGTAAAGAGTGTGCCGCTGTAACTGTAAAGTGCTGGGCTTTCATTGGGAAGTATTA
CCTTTCATTGCTGC

>SEQUENCE:1918:prostate_MPM2000-004P4Novel007_8Table3

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TCCACCTACCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGCGCCCAACC
CTGTGTTTATTCTTAGGTCTGTACTACGCTTTATGCCTCAGTTTCCACAGTTAAACACG
TTATTTTATTCTCACGTTATAGGAGCAATTTGTATTCAAACTTGGCCTTCACCTTCA
ACTTCTGAAGATTTTAATACAGCGCAAATGATTTGGGGTCTGTGAATTCAGTTTTATTTA
TTTGGCTCCTTCCTTTAAGGAGTCAGGCTAATGCAAGAAAATCCAATAATTAGATCTTT
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TTTTTCCCGT

>SEQUENCE:1919:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTT
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ATGGCACAATCGCGGCTCACTGCAACCTCCACCTCCCGGGTTCAAGTGATTCTCCTGCCT
CGGCCTCCTGAGTAGCTGGGATTACAGGCACCTGCCACCATGCCTGGCTGTTTTTCATAT
TTTTAGTAGAGACGGGGTTTCACCATGTTGGCCAGGCTGGTCTTGAGCTCGCGACCTCAG
GTGATTCGCCCACCTCAGCCTCCCAAAGTATTGGGATTACAGATGTGAGCCACTGTGCCC
GGCACTTTTCTGCTTTTAAATACAATGATTTTAGAAAGTCTGTATATGAACCTTGGGCTT
GTACCTAGATATCCCAGTGTGTGTAGGGAGCCCTGTATATCTGCAAGGGGGATCCATTAGA
CCAAGGATATTAGATCCAGCACTTCTCCTTTTTAATGCATGTCATAAGCACATGATTTTA
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>SEQUENCE:1920:prostate_MPM2000-004P4Novel007_8Table3

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TATTACTGTTTTATAACTAAGAGACTTGGGACTTTAGTATACGAAAAGGTGTCATTTCAA
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AAAAGTGAAGCTGGAACACTATAACATGCTTTACCCACA .TAAATCAGAGTTAAATGTN
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GGGAAAACCCTGGCGT

>SEQUENCE:1921:prostate_MPM2000-004P4Novel007_8Table3

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GTAGCCCCAGCATCCCTTCATCATTTTGTGTCCTTCTATGGGCCTAGTTTAGGTCTGAG
AGGCATAGTTTTAAATTTTTATTGTTATTTATTCTAGAGATAAGGTCTTGCTATG
TTTCCCAGGCTGGTCTTGAACCTCCTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAA
GTGCTGGGATTACAGGCATGAGCCACCACGTCTGGTCAGACAGGCATAGTTTTACAAATA
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CTCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC
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>SEQUENCE:1922:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTTTTTGGGGATGCTCAACCTATAATACCCAAAGGCTCTATTTTCAGTAGAATTTAT
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AAAGGCCATTAAATACTTTTCCATAGCCTGATTTTTTGTGACCACATAGTATCCTATTAT
ATTGATAATACCATAATTTACCTAACCCATTTTTATATATTTGGATTTTTTCCAATTCAT
CATTATTATGAATAATGGTGTATCTCAGTGGTTATTACTTTGCACTGCATTTCTTATGAA
AGTATTGAGTAAAAGGAAGTAAAGCCCTCTCAGAGTGTGTTTGTAGGCTGTCACATTTCAC
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>SEQUENCE:1923:prostate_MPM2000-004P4Novel007_8Table3

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GGGAAAATGAATTATTCAACAAATGATCTTGGGACAACTGGATAGCCATTCAGAAAAAAA
GTGAAGCTGGAACACTATAACATGCTTTACCCCAATAAATCAGAGTTAAATGTAAAAA
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>SEQUENCE:1924:prostate_MPM2000-004P4Novel007_8Table3

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AAACTACTTCATGTATAAAAAATAAACATTTGACAGAACTCTCAGAGCAAAGCTATCTGA
GGGATTCTTTAAAGCTTCCAATTTATCAAATTACCTTTTTTTTTTTGGTCCGGCAGGGGGA
AGTAGTCTCACTCTGTTGCCAGGGTGGAGTGCAATGGCAGGATCTCAGCTCACTGCAAC
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>SEQUENCE:1925:prostate_MPM2000-004P4Novel007_8Table3

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TTGTCCTGTGCCCTCTACACCTCAGAGGGGTTTCAAGAGCCAAGCTCCAGGACCCCTGCTGT
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CCTGCTTTCCGACAGCCTTCTGAGAGCCAGTGAAGGCCAGCAGCTGGGCTGAACACTACA
TCATCCTCAGAACCACCCTGCACAGCCGGTGTGCTCCCCGCCATCGACAGGAAAAACGGG
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>SEQUENCE:1926:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1927:prostate_MPM2000-004P4Novel007_8Table3

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CACTGTTTTAAATACAAAGAAATAGTTCTTGTTTCTGCATGTCATAGCTTTGTAAGTTTA
CCTTTTTCTATTTTATCTAATATTGATGTATACATAGGAGAAAGGGTACTTCAGAACATG
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CTACCCAGAA

>SEQUENCE:1928:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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CGCCAGCGCGCAATTAACCCTACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCTCG
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CCTTTTGGGAGCCTGTTTTCTTTGCCAGATTTACATTCTTACAGCTTCATGGTCTTTTT
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>SEQUENCE:1929:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACGCGGTGGCGGGCCGCTTTTTTT
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AGTAATGTCCTTTTATAGAGGAAGTCTAAAAGAAATTCTTGGGTGAGTTGATAATCAAAC
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>SEQUENCE:1930:prostate_MPM2000-004P4Novel007_8Table3

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GAATATGACAGACAGATACCTGTTCCAGAGAGTTTATAATGTTGAGGTAAAGAGCCACA
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GAGAAAAACAGCATTGTAGGGAGAATTCCGGGCATTGTAGGGAGAATTCTGGGCAATGGG
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>SEQUENCE:1931:prostate_MPM2000-004P4Novel007_8Table3

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CATCTCTTCACGCCACACAGTCACAGGACGGCTGCTCCACCACCGGCATCACATCTCCTT
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>SEQUENCE:1932:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1933:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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CTCAGGGCTGGGCCCTGGGACGGGGCTCCCGCCTCCTGAAGCTGGGGTCCTCACCCCAG
C
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ACCAGGGAGGAGGCTCCGCCAGCCCAACAGCAAGACTCCGCCCAGGCAGCAGGGACACA
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>SEQUENCE:1934:prostate_MPM2000-004P4Novel007_8Table3
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GCATCCCTTCATCATTTTGTGGCCCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGT
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>SEQUENCE:1939:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:1943:prostate_MPM2000-004P4Novel007_8Table3
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GAATATTCATTTAATAGAGAGAGAGAGTTGAATGACGAGGAAATAGATACTAAAGCCAA
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>SEQUENCE:1944:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1945:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1946:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1947:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1948:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1949:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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>SEQUENCE:1950:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1951:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1952:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1953:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1955:prostate_MPM2000-004P4Novel007_8Table3

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Table 7
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>SEQUENCE:1956:prostate_MPM2000-004P4Novel007_8Table3

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T

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C

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>SEQUENCE:1957:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1958:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1959:prostate_MPM2000-004P4Novel007_8Table3

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TCCCCTAGGGCTGTGTACCTCTCTCTCAGCGTGCCCTGCCTCGGTGCCTCTGTGGCAGGG
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CTTTCCTAACCTCCCTCACTCCTCCAGCTCCCTTCTGCTGGTGAATGACATCTCTTCACG
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Table 7
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>SEQUENCE:1960:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1961:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:1962:prostate_MPM2000-004P4Novel007_8Table3

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TGATCATTCACTATTTGTCAATTTGTATTTCTTTTGTAAATTATCTGCTCAAGCTCTAATT
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CTAGAAGTACTCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTA
ATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTC
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>SEQUENCE:1963:prostate_MPM2000-004P4Novel007_8Table3

ACCCTACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCCCCTCGAGAGTACTTCTAGAAT
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TTGTCTGTGCCCTCTACACCTCAGAGGGGTTTCAAGAGCCAAGCTCCAGGACCCCTGCTGT
CAAAAAGTGTTCCCTGGGAACAAGTGCAGGGAACAGTCCTGCAAGCAAGGGACTGCTTGC
CCTGCTTTTCGGACAGCCTTCTGAGAGCCAGTGAAGGCCAGCAGCTGGGCTGAACACTACA
TCATCCTCAGAACCACCCTGCACAGCCGGTGTGCTCCCCGCCATCGACAGGAAAAACGGG
CCCTTAGAGGCACAGGCAACTTGCTCGGGGTTAGGTGCAGCGGGTGGCAGAGTCAGAATG
TGAGGACAGTTGGGCCACTC

>SEQUENCE:1964:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTGGAGTCTCGCTCTTTTGCCAGGCTGGAGAGTGCAATGGTGCCAT
CTCAGCTCACTACATCCCTGATTCAAGTGATTCTCCTGCCTAAGCCTCCTGAGTAGCTGG
GATTACAGGCACTTGCCATCATGCCTGGCTAATTTTTGTATTTTGTAGAGACGGGGTTT
CACCATGTTGGCCAGTCTGGTCTTGAACCTCTTGACCTCAGGCGATCCATCCACCTCGGCT
TCCCAAAGTGCTGGAATTATAGGCGTGAGCCACCGCACCCAGCCTTCTGTGTGTATTTTC
TTATGATGTAGAATGAGTGATAAAGCACCATAGGAGTCACCTAGTGTTGCCTTTTCCATT
TTTGAGTTGATAAATGGAGGTCTCAGTCTCTGTTAATTAGTGGTACATCTGGGAAAAGTC
AAATGTGTTGAGCTCGAAGGTGTTGGTTTGTGTTTGTGTTTCCACCAGGTCTCTTAAGTGT
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CTTA

>SEQUENCE:1965:prostate_MPM2000-004P4Novel007_8Table3

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CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTTTT
TTTTTGGGATGCTCAACCTATAATACCCAAAGGCTCTATTTTCAGTAGAATTTATTGGTTT
GCTGATTATAGCAGTGACATAGTTGCATTCTAGAGACCTTAGAAAATGCAGAAAATTTCA
AGAAAAACATTTAAATTGTGCTCATAGTGAACTGAGAGGTGACCACTCTTAATATTTTG
TGGCATAAGCATTCCAGTCTTTTATCTTTCTCAAAGTTTCACATAAACTTTCTCAAAGGC
CATTAAATACTTTTCCATAGCCTGATTTTTGTGACCACATAGTATCCTATTATATTGAT
AATACCATAATTTACCTAACCCATTTTTATATATTGGGATTTTTTCCAATTCATCATTA
TTAT

>SEQUENCE:1966:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGCTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTACCAGAGAGGCCCAAAGTAGCAGCCTGTCCTCCTCAGTAGCCCCA
GCATCCCTTCATCATTTTGTGCTTCTATGGGCCTAGTTTAGGTCTGAGAGGCATAGT
TTTAAATTTTTATTGTTATTTATTTATTCTAGAGATAAGGTCTTGCTATGTTTCCCAGG
CTGGTCTTGAACCTCCTGGCCTCAAGCAATCCTCCTGCAGCAGCCTCCCAAAGTGCTGGGA
TTACAGGCATGAGCCACCACGTCTGGTCAGACAGGCATAGTTTACAAATATGTGGGTGG
ATAAATGCTGTCCAGTCTTACTTCATCACTTCTATCAATTGAATGCTTTTGGTTGGAAAT
AACAGAAAATCCAATAAAAGTGACTTAAACAAAGGAAATGTTATTATCTCATGTACCAG
GAATTCTGGAGGTAGACTGGTTCAAGGGTGGATTAATTAATTCTAGAAGTACTCTCGAGG
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>SEQUENCE:1967:prostate_MPM2000-004P4Novel007_8Table3

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GCCAGGCCAACCTGGTGAAACCCCGTCTCTACTAAAATACAAAATTAGCTGGGCGTGA
TGGTGGGCGCCTGTAATCCCAGCTACTTGGGAGGCTGAGGCAGGAGAATCACTTGAACCC
GGGAGGCGGAGGTTGCAGTGAGCCGAGATCGCACCATTCGACTCCAGTCTGGGCAACAGA
GTGAGATTCCGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAGCGGCCGCCACCGC
GGTGGAGCTCCAATTCGCCCTATAGTGAGTCGTATTACGCGCGCTCACTGGCCG

>SEQUENCE:1968:prostate_MPM2000-004P4Novel007_8Table3

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CTTGAGCAGATAATTAACAAAAGAAATACAAATGACAAATAGTGAATGATCAAACTCAA
GGCAATTAACCTTCAGTTTAAAAAATTCAAAGACGCCGGGCGCAGTGGCTCACGCCTGTA
ATCCCAGCACTTTGGGAGACAGAGGCGGGTGAATCACCTGAGGTCAGGTTGCTGTGAGCT
GAGATCACACCACCACTCCAGCCTGTGTGACGGAGTAAGACTCCATCTAANATAAAAA
CAAAAGATAAAAAATAAAAAAGGCGGCCGCCACCGCGGTGGAGCTCCAATTCGCCCTATAG
TGAGTCGTATTACGCGCGCTCACTGGCCGTGTTTTACAACGTCGTGACTGGGAAAACCC
TGGCGTTACCCAATTAATCGCCTTGACGACATCCCCCTTTGCCAGCTGGCGTAATAG
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>SEQUENCE:1969:prostate_MPM2000-004P4Novel007_8Table3

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CTACTACCCTTTTTGGAAAGACAAATCTCCTTCCCCTCCCTGTCCTCCTTCTTCTACAT
TCCCCTAGGGCTGTGTACCTCTCTCTCAGCGTGCCCTGCCTCGGTGCCTCTGTGGCAGGG
CCAGGTCTGACTTCCCAGATGAGCTTGCTCTCCTAAGCTGCATCATTGCATGACTCTCCT
CTTTCCTAACCTCCCTCACTCCTCCAGCTCCCTTCTGCTGGTGAATGACATCTCTTCACG
CCACACAGTCACAGGACGGCTGCTCCACCACCGGCATCACATCTCCTTTCCAGGCAGGAA
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TTTATCTAGAA

>SEQUENCE:1970:prostate_MPM2000-004P4Novel007_8Table3

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GTTTAAGTGTATTACTTAAATTTTAAGACAAAATCTGGAATAATTATACTAACACAAA
TTTTGAGGTAGAGGAAGAGAATTCTAGAGATAGGTGAGATAAAATTTTCATCTTTGATAA
TGAGTAGACAAAAACACTACCTTTAACAAGTGAAGAATTTAAAAAATTTAGAGAAGAGGA
AATCATAAGTGGTTTTTAAATTTATTATACATATCGAGGTAAAGATAATCCAACAGAAA

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ATGAGATTTGAACAGACACTTCACAGGAGATAGACAAATGTCTCAACCTCATTAGTCACC
AGACAAATGCAAATTAAGCTCAAAATGCAATACCTGTACACACCTCACAGAATGGATAAA
ACTTGAAAGACTGACAAACCAACCAACACAAAGCTGGTCTGAATGTGGAGCAAGGAAGA
CGCTCGTACTCTCCTGGTGAGCAAGGTGGAGATGGTAAAAGAGCTGGTGTAACTACTTTG
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GGGGGGG

>SEQUENCE:1971:prostate_MPM2000-004P4Novel007_8Table3

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T

GGAGGCCACCGGCCAGAGCCGACCCAGGAGTGAGAGAGACAGGGGCGTGCGTGAGTTC
C

GGCGGCCTGCACCGGGCAAACCCCGTACCTTCCCAGCATCGGCTCAGCAACCCACGTGCA
TCCAGGCCGGTCAATGTGATTGAGTCACCTCCGCGCCTTGGCCACCCTGGAGTCCCGAGA
ATCCGAAGTTCCAGACAAATGCCCAAATACATTCTGCATGTTGAAAGCGTAAATTGC
AAAGCACAAATCCAGTTGTAGATTGTGGCCGGGAGCAGTGGCTCACGCCTATAATCCCAG
CACTTTGGGAGGCCGAGGCGGACAGATCACGAAGTCAGCACTTCGAGACCAGCATGGCCA
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>SEQUENCE:1972:prostate_MPM2000-004P4Novel007_8Table3

CCCTACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCTCGAGAGTACTTCTAGAATT
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TCAAGGGTTTATTACTGTTTTATACTAAGAGACTTGGGACTTTAGTATACGAAAAGGTG
TCATTTCAAATGGGGGAAAATGAATTATTCAAACAAATGATCTTGGGACAACTGGATAGC
CATTCAGAAAAAAGTGAAGCTGGAACACTATAACATGCTTTACCCCAATAAATCAGA
GTAAATGTNNAAAAAAAAAAAAAAAAAAAAAAAAAAGGCGGCCGCCACCGCGGTGG
AGCTCCAATTCGCCCTATAGTGAGTCGTATTACGCGCGCTCACTGGCCGTCGTTTTACAA
CGTCGTGACTGGGAAAACCTGGCGTTACCCAACCTAATCGCCTTGCAGCACATCCCCCT
TTCGCCA

>SEQUENCE:1973:prostate_MPM2000-004P4Novel007_8Table3

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CAGAGTGGGCATCCAGCCACTGCTACTTCCATGCTGGGATGAGCAGCCAGTGTAGAATAA
ACCCTGTGTGCAGTGAAACAGTCAGTGTGCAGTATCCTATGGTGCATCTAAACGTATGTA
CTTGCTGCAAATGCACATCTACAAGGACACTCACGACTATTTTCATTCTTGATACCACCT
TCTTATGACTTGACAAAGAAAATTCAAGCTTTTGGCTGAGGGTAGTGGCTCGCACCTGTA
ATCCCAGCACTTTGAGAGGCCGAGGTGGGTGGGTCACTTGAGGTCAGGAGTTCGAGACCA
GCCTGACCAATATTGTGAAATCCTGTCTTTACTAAAAATATAAAAAATAGCCCGGCACGG
TGGCAGGCCCTGTAATCCCAGCTACTTGGGAGGCTGAGGCGGGGAGGCGGAGGCTACAG
T

GAGCTGAGACTGTGCCACTGCACTCCAGCCTGGGGGACAGAAGCAGACACAGTCTCAA

>SEQUENCE:1974:prostate_MPM2000-004P4Novel007_8Table3

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GTTGAATAATTCATTTTCCCCCATTTGAAATGACACCTTTTCGTATACTAAAGTCCCAAG
TCTCTTAGTTATAAAACAGTAATAAACCTTGAAACAGGCATTTTCTAAATACATTTT
GTTTAAGTAAGACAGTTTTTCCCCCGCGTTAATTAATTCTAGAAGTACTCTCGAGGGGGGG
CCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATG
GTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGC
CGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGC
GTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAAT
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>SEQUENCE:1975:prostate_MPM2000-004P4Novel007_8Table3

CAATTAACCCTCACTAAAGTGAACAAAAGCTGGGTACCGGGCCCCCCTCGAGAGTACTT
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GCGGACTTTAGCCCTGCATAGAGATGGGTAGACCCTAATTTGGAACAGCCATTGACTGGG

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CACAGGCCAGCACTTTGGGAGGCCGAGAGGCCGAGGCAGGAGGATCGCTTGAGGCCAGG
A

GTGCCAGACTGCGAGACTAGCCTGGGTAAACATAGTGAGACCCTCTCTTCAAAAAAAAAA
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GCCTGAGCCCAGTGAAGCTGCAGCGAGCTGTGAGGATGCCACCGCACTCCGGCCTGGGCT
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>SEQUENCE:1976:prostate_MPM2000-004P4Novel007_8Table3

CCCTCACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCTCGAGAGTACTTCTAGAAT
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CCCTCCACACACTGGAAAGTGACGCAGCCGTGAACAGCAGAGAGGTTCCGGACCCAGGCCA
CGGCGCGGATGCCCTTGAGGACAGCACACTTCCGGAGACAAGCCGGACGCAAAAGGCCA
CGCGGTGTGTGACACCACTCGTGTGAAATGTTCAAGACAGGCCAATCCAGAGGCAGGAAG
GGAATGCGTGGGTGCCGGGACTGGGGAGGGAATGGGGAGTGATGGCTGACAGAGACGGG
G

TTTCCTTCTGGGGTAACAAGAATGTTCTGGAAGCTGATAGAGGTGATAGTTGTGCAACTC
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>SEQUENCE:1977:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCACCGCGGTGGCGGCCGCTCGCTTTTTTTTTTTTTTTTTTTGTAGAGACAGT
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CAGCCCCACAAAGTGCTGGGATTACAGGCGTGATCCCACCATGCTCAGCCCATTCTTTTC
CTTAATGGGAGAGTCCGTTGCCCCACCTCCTTTATGAACAGTTCTTCTCATTGATGTGAA
ATGCTACCAAATAATATTTTTTTCTCTTTGTAATTTCCGATTGACCAAATAATTATTTA
CTGGGATCTTATATAAATAAAGACTCTTAAGACTTTAGCTTTTTAGTAAATATTAAAT
ACTTTTTTTTGTAGACAAAGTCTCACTCTGTCAACCAGGCTGGAGTGCAGTGGCACGATCA
TGGCTCACTGCAGCCTCCTTCTTGCAAGTTCAAGCAATCCTCACACCTCAACCACCTGAG
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>SEQUENCE:1978:prostate_MPM2000-004P4Novel007_8Table3

CGGGCCCCCCTCGAGAGTACTTCTAGAATTATTTAACGCGGGCCTTTTTCTGCTGCTTC
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GTTCTAGGTGCCTCCATCCCTGGGGCTCTTCATGGACAGCAGCTGCCAAGGCCATAGCTC
TCATACGTGTCCTTCCTGCAGGTGTTCAAGAGGGCCTTTCTTCTCTAGACTGCTCTCAGG
TATCCTGATGACATCTCTGCTCAGAAGAGTGGAAGTATGAGAAATTGGATGAGATCAAAA
AGCAAGCCCATAGCTGGAGGAAGACTGAGATGAGATCTTGATTCTCTGGTTCCTGGCTCA
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>SEQUENCE:1979:prostate_MPM2000-004P4Novel007_8Table3

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CAAGGCCGACTTCCATAAGTAATTAGCCAGAGCACCGTCCCGTTCTGTGACACCGAGC
CCCAGCCAGGACACCGGTATTCCCAGCACCATACAAGAACTACTTTTTCGATGAGGCAAC
CCAAAAGCTGCGAGCGGTTCCCGGTGAGGCCGCCCACTCACCTGGCCGGCGCAGACAAG
A

CTCCGTGCGTCAAGACATAACAGCGCTTCTCAGAACTTTGCTTCTCCAGCAGAATAATCC
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>SEQUENCE:1980:prostate_MPM2000-004P4Novel007_8Table3

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CAGCCCCAGACCTCGCGGTTGCTCTCATCCGTCGTTCCAGTGTGGGCAGTGACGCAGCA
CCACGGTAAGTTCTGTAGAGTGGACGCCACTCGCTGGCAAAGCCCAGCAGGGCAAGGAAT
AAGTGTCACCTCAGTCTTTATCCAGAAAAATCCACCAATGTACTTTTAGTGACGTATTAAC
AGATGGTAGAAAAATGGAATTGCCTAGAGGGATTNTAATCTCTTGAGGGATAATTCTGGTA
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>SEQUENCE:1981:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTTTT
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GTTTAAGTGTATTACTTAAAATTTTAAGACAAAATCTGGAATAATTATAACTAACACAAA
TTTTGAGGTAGAGGAAGAGAATTCTAGAGATAGGTGAGATAAAATTTTCATCTTTGATAA
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AATCATAAGTGGTTTTTAAAATTTATTATACATATCGAGGTAAAGATAATCCAACAGAAA
ATGAGATTTGAACAGACACTTCACAGGAGATAGACAAATGTCTCAACCTCATTAGTCACC
AGACAAATGCAAATTAAACTCAAAATGCAATACCTGTACACACCTCACAGAATGGATAAA
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CGCTCGTACTCTCCTGGTGAGCAAGGTGGAGATGGTAAAAGAGCTGGTGTAACCACTTTG
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GGGGGGG

>SEQUENCE:1982:prostate_MPM2000-004P4Novel007_8Table3

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CTCATNCCTGGTNGGACCCATGGTGGCTTTCCCCTCCGANCCAATAACCCAGTGAGGA
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CCATTGGCTGTTCTTCGAGTAGCTGGGCCCTGGGGGCCTGGTCTGGTGCAGCGATTCCGG
CCGGACTTCAAACGCAAGTTTGCAGACTTCTTTGAAGATGATACCATATCAGAGTATATT
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>SEQUENCE:1983:prostate_MPM2000-004P4Novel007_8Table3

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TCCACCTACCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGCGCCCAACC
CTGTGTTTATTCTTAGGTCTGTACTACGCTTTATGCCTCAGTTTCCACAGTTAAAACACG
TTATTTTATTCCTCACGTTATAGGAGCAATTTGTATTCATAAACTTGGCCTTCACCTTCA
ACTTCTGAAGATTTTAATACAGCGCAAATGATTTGGGGTCTGTGAATTCAGTTTTATTTA
TTTGGCTCCTTCCTTTAAGGAGTCAGGCTAATGCAAGAAAATCCAATAATTAGATCTTTT
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>SEQUENCE:1984:prostate_MPM2000-004P4Novel007_8Table3

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AGTTTAAGTGTATTACTTAAAATTTTAAGACAAAATCTGGAATAATTATAACTAACACAA
ATTTTGAGGTAGAGGAAGAGAATTCTAGAGATAGGTGAGATAAAATTTTCATCTTTGATA
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>SEQUENCE:1985:prostate_MPM2000-004P4Novel007_8Table3

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AGACCCAAATGTTTGCTGTTTATTACCAAAAAGATAAGATTTCTTTTAAATAAAAAGAA
AAATGGCTGGGTGCAGTGGCTCACGCCTGTAATCCAAGCACTTTGGGAGGCTGAGGCGGG
GCAGGTGAATCACTTGAGGTGAGGAGTTCAAGACCAGCCTGGCCAACATGGTGAAACCCT
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CCAGCTACTCAGGAGGCTGAGGCA

>SEQUENCE:1986:prostate_MPM2000-004P4Novel007_8Table3

CGCATTACCCTACTAAAGGGAACAAAAGCTGGGTACCGGGCCCCCCTCGAGAGTACTTC
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TTGCTAGAACCAGGAGGCAGAGGTTGCAGTGAGCTGAGATCGCGCCACTGCACTCCAGC
CTGGGAGACAGAATGAGACTCCATCTCCAAAAAAAAAAGAAAGAAAGAAAGAAAGAA
AAGAAGGCTCTATTTTGATACTGGGAGCCTAACTGAATGATTCTGGAGAAATTCACAGA
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AATCACTACAATAAGCCTATCAACAGCATGTGATACTCTCCAAGCATTTTGCAACCTTAA
>SEQUENCE:1987:prostate_MPM2000-004P4Novel007_8Table3
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CGGCCTCCTGAGTAGCTGGGATTACAGGCACCTGCCACCATGCCTGGCTGTTTTTCATAT
TTTTAGTAGAGACGGGGTTTCACCATGTTGGCCAGGCTGGTCTTGAGCTCGCGACCTCAG
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GGCACTTTTCTGCTTTTAAATAACAATGATTTAGAAAGTCTGTATATGAACTTTGGGCTT
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CCAAGGATATTAGATCCAGCACTTCTCCTTTTTAATGCATGTCATAAGCACATGATTTTA
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>SEQUENCE:1988:prostate_MPM2000-004P4Novel007_8Table3
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TCTCTTAGTTATAAAACAGTAATAAACCCCTTGAAACAGGCATTTTCCTAAAATACATTTT
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CCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATG
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>SEQUENCE:1989:prostate_MPM2000-004P4Novel007_8Table3
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TCCCTAGGGCTGTGTACCTCTCTCTCAGCGTGCCCTGCCTCGGTGCCTCTGTGGCAGGG
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CTTTCCTAACCTCCCTCACTCCTCCAGCTCCCTTCTGCTGGTGAATGACATCTCTTCAG
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TTTATCTAGAA
>SEQUENCE:1990:prostate_MPM2000-004P4Novel007_8Table3
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TGCTCCGTCTCTCTCTACTTGGTTGCATCTCCCTCCTAGTTCCAGATTTGCGCCAGAT
CCTGCTCCAAATCCGGTAGCCGCATCCCCAAGCCATGGCTGGTCCCTTCTCCCGTCTGCT
GTCTGCCCCGCCCCGGACTCAAGCTCCTGGCTTTGGCTGGAGCTGGGTCTCTCGCCGCCGG
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>SEQUENCE:1991:prostate_MPM2000-004P4Novel007_8Table3
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CAAAATAATGCCCATCAGACCTCAGGGGGCGGGGTGACTACCCAAGATAGCCATCTGAACG
TGCACACGGACCCAATTTTCTGTAACTCAAGGTGGTGTAAAAGGGGCAACCATCTGGT
CATTTCTTCGAGTTTTTTTTATATTTGTATAACTCCTGTGCACATAATAAAATATGTAA
GCCTATTTTTCTGCTAATGTGTGTACTATCAGTTTGTATTTATGGACTCACCCCTAAGGAG
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GAATATGACAGACAGATACCTGTTCCCAGAGAGTTTATAATGTTGAGGTAAAGAGCCACA
TAAAAGACAATTGTGTTATCACTTATGAAGGGCTTTGGGATCAATGAGGAGGGATGCCTA
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GAGAAAAACAGCATTGTAGGGAGAATTCCGGGCATTGTAGGGAGAATTCTGGGCAATGGG
AACAGCATGTGCAGAGACCTAGAGGCATGAGGGAGGGCAAGTATGTTTGAAGATGGCAGA
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AACAGAAGTTAAATCATTAATAGTACTTTTTATTTAAATGTTTATAAGGCAGATCTATG
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AGTAATTACCAATTACACAGTTAAAAAGAAGATAATATATTCCAAGCAGATACAAAATAT
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>SEQUENCE:1994:prostate_MPM2000-004P4Novel007_8Table3

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TGTCATTTCAAATGGGGGAAAATGAATTATTCAACAAATGATCTTGGGACAACTGGATAG
CCATTGAGAAAAAAGTGAAGCTGGAACACTATAACATGCTTTACCCCAATAAATCAG
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>SEQUENCE:1995:prostate_MPM2000-004P4Novel007_8Table3

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GCAGTTAGCTACGATCACGTGACTGGATTTCTGGCCAGTGGAATGTGTGTGGAAGTGATG
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ACCATCTGCATGGAGAGCTCCCAGCACTAGAGGGAGAAAAAGCCACCAGAGGGAAGGAGC
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CTTCTACATTCCCCTAGGGCTGTGTACCTCTCTCTCAGCGTGCCCTGCCTCGGTGCCTCT
GTGGCAGGGCCAGGTCTGACTTCCCAGATGAGCTTGCTCTCCTAAGCTGCATCATTGCAT
GACTCTCCTCTTTCTTAACCTCCCTCACTCCTCCAGCTCCCTTCTGCTGGTGAATGACAT
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AGCCCCAGCGCCAGTGCGCCGCCGACCATTCCTGCGCCGACAATGGCAATTTCCGTTGGT
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CCTAAGGGCTGATAACGCTCATACTGGTCACAACGGCAGCAAAGCATTACACTATGCGCC
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>SEQUENCE:1998:prostate_MPM2000-004P4Novel007_8Table3

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CTTCAGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCATGCCCGGCCGATTTCAC
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TGAATATGGACCTTATTTAAACAATGTATCCCTAGCACCTAGACAATGCCTAACCTGTCA
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>SEQUENCE:1999:prostate_MPM2000-004P4Novel007_8Table3

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AAGTGTCCACCCCTTGAACCCATCTCTGTGGCCAGGAAAAAGGAACGATAGGCTAAGTCA
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TACTCCCCAGGATCCGTGTTCTCTTTAGCCCAGGCATGCAGTTACATTACATTTTCC
AACCTTCCTTGCAGTTAGCTAACGATCACCGTGACCTGCATTTCTGGCCAGTGGAATGTG
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TCTTTCTCCATCCACCATCTGCATGGAGAGCTCCAGCACTAGAGGGAGAAAAAGCCACC
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>SEQUENCE:2004:prostate_MPM2000-004P4Novel007_8Table3

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GCCTCCTGAGTAGCTGGGATTACAGGCGCCTGCCATCATGTGCCGGCTAATTTTGGTATT
TTTAGTAGAGATGTGGTTTACCATATCGGCCAGGTTGGTCTCAAACCTCCTGACCTCAGG
TGATCAGCCCGCCTCTGCATCCCAAACCTGCTGGGATTACAGGCGTGAGGCCACCACACCC
AGCCCGGATTACCCTTAAGTAGGAGGTACATTCTCTTCCATTGAAAAAGAGAGAGAGCAG

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CTGGAAGTGTCTTGTCCCAACTCTTGTGTTCTGAGCATTGAACGCCTCGCATGCCAACAT
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TGTC AACAGGTAAGTTAGTTGCTAGAACCCATGGCTCCTTTGCCGACGCTGAGTACATTC
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>SEQUENCE:2011:prostate_MPM2000-004P4Novel007_8Table3
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CACTGTGAGGGCCTGCCTTGGCTCCTGCACCCACACAGAACGTGATACTGCCTTTATT
CTCTCCACCCAGAAAGGTGACAAATCCAAGCCCTGGATGTGACGGGGGTCCACAAGAGTA
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>SEQUENCE:2012:prostate_MPM2000-004P4Novel007_8Table3
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TTTTTCAATCAAAAAACATAAAACAAGTTACAATTCCAGAATGCCATGATTTGGCCAACA
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>SEQUENCE:2013:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2014:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2015:prostate_MPM2000-004P4Novel007_8Table3
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GCTGGCAAAGCCCAGCAGGGCAAGGAATAAGTGTCACTCAGTCTTTATCCAGAAAAATCC
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>SEQUENCE:2016:prostate_MPM2000-004P4Novel007_8Table3
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CCACCTACCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGCGCCCAACCC
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CTTCTGAAGATTTTAATACAGCGCAAATGATTTGGGGTCTGTGAATTCAGTTTTATTTAT
TTGGCTCCTTCCTTTAAGGAGTCAGGCTAATGCAAGAAAATCCAATAATTAGATCTTTTG
GATTTCAAATAACTGGAAGAGGAAGTGGTGTATCTAATGGTTTAGGCATAATGCGTGT
TTTTTCCCGTAGGCCTGTGTGTATATGTGTGTGTGGTTGTTCTTAACCTTGAAGAATTA
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>SEQUENCE:2017:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2018:prostate_MPM2000-004P4Novel007_8Table3

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GGTCCAAGATAAACGTAAACAATTTCCAAGGTTCCATGCATCCTCATCTTCACCCCACAC
TTTAAACTATCATTCTAGTCCACCCCTGAGATTTGATCTGATTGGACTAGCGTTGATC
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>SEQUENCE:2019:prostate_MPM2000-004P4Novel007_8Table3

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CATATGTAGCCTTTACAAATATTAGCTCAGTCATTTTCAGAAAGGTTTTTCCAATTATCA
TTTTAGAGATGAGGAACTGAAGCTCAGGGAGGCTTGGAACTTATCCAAGCCTCTTAA
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ACACATTAGGAGTTTATTTGTTATTGCCATAACAATTCAGGGTGTATGTTTGGCAGGTAG
TCTACACAGTGATTCAGGGACCCAGGCTCCTTCCCTCTGGTGGCTTTTTCTCCCTCTAGT
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>SEQUENCE:2020:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2021:prostate_MPM2000-004P4Novel007_8Table3

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AAATTCTGGGGTTGTTACAGCTGTTAGCCCAGTCTGACTAACATAGCCTCTTAAGAGGCT
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>SEQUENCE:2022:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2023:prostate_MPM2000-004P4Novel007_8Table3

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CTCTATAAAAGGACATTACTATTTATATTTCCCAATGCAATGTAATTCATTTAAAAATA
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>SEQUENCE:2024:prostate_MPM2000-004P4Novel007_8Table3

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ACAATTCCCAAGGTTCCATGCATCCTCATCTTCACCCACACTTTAAACTATCATTTTC
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>SEQUENCE:2025:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2026:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2027:prostate_MPM2000-004P4Novel007_8Table3

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GTACCTAGATATCCCAGTGTGTGTAGGGAGCCCTGTATATCTGCAAGGGGATCCATTAGA
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>SEQUENCE:2028:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2029:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2030:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2031:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2033:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2035:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2060:prostate_MPM2000-004P4Novel007_8Table3
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CCAACGTCTTCACACAGACCTGTGGCCTACAACAGGGAGACCATCTGGCCTTGATGCTGC
CTCGAGTTCCTGAGTGGTGGCTGGTGGCTGTGGGCTGCATGCGAACAGGGATCATCTTCA
TTCCTGCGACCATCCTGTTGAAGGCCAAAGACATTCTCTATCGACTACAGTTGTCTAAAG
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>SEQUENCE:2062:prostate_MPM2000-004P4Novel007_8Table3
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TAATGCTTGCTTGCTCACTGTTTCTCTCCTCCCGTACAGCTAAGTTCCTAACAGGTACCA
GTGTCTGAAGCCTGGGGACTGGCGGCTGCTGGTCAAGGCCACATTAGTTTATTGTTAAGT
GCAAGGTTTCTGGTAACAGAAATAAAGAATTCAATTGATTCATCATCAAGACCAATATA
TTTACTAAAGATCTACCTTAAATTCATTTTTTAGCAGGTAGTATGGCATTGTGGTTAAGA
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TAACTTGAGATTATAAAAATCCCCTAGTTGGCTGGGCACAGTGGCTCACACCTGTAATC
CCAGCACTTTGGGAGGCCGAGGCAGGCATCACGAGGTGAGGAGATCAAGACCATCCTGGC
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CACCTGT
>SEQUENCE:2063:prostate_MPM2000-004P4Novel007_8Table3
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GAAAAAGTATCTCAATGTCCTGAATGTGGGAAAACCTTTAGCCGAAGTTCTTATCTTGTT
CGGCATCAAAGAATCCACACAGGCGAGAAGCCTCACAAGTGCAGTGAGTGCGGGAAGGGC
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CAGTGTGGGCAATGTGGGAAAAGCTTCAACCAGAGTTCCAGCCTCATTGTCCACCAGAGG
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TCCCAGTTCAGTGCTCACCGGCGCATCCACACTGGGGAGAGCCCATACAAGTGTGCAGTG
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>SEQUENCE:2064:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2065:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2066:prostate_MPM2000-004P4Novel007_8Table3

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AGCTGGCCAAACCCTCCATTGCAGTCAGCCCAGGCACTGCCATAGAGCAGAAGGACATGG
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TCTCCGTTGTGTTCCATGAGCGCATGCAGCTGTCCAAGGATGGCAAGATCCTCACCATT
TCATTGTCCAGCGGGAGGACTCGGGGACTTACCAATGTGAAGCTCGAGATGCCCTTCTGA
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>SEQUENCE:2067:prostate_MPM2000-004P4Novel007_8Table3

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TCCTCAACAAGGAGCTGATGCAGCAGAATGGGATTGGTTATGTGTTAAATGCCAGCAATA
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>SEQUENCE:2068:prostate_MPM2000-004P4Novel007_8Table3

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GATGCCAGCCTAAAAAATAAGCTCAAACCTACAAGCTTTAATTTATCCAGTTCTTCAAGCT
TTAGATTTTAACACACCATCTTATCAGCAAAATGTGAACACCCCAATCCTGCCCCGCTAT
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ATCGTTAACAATCACACTTCACTTGATGTGGAAGAGGCTGCTGCTGTCAGGGCCCGTCTA
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>SEQUENCE:2069:prostate_MPM2000-004P4Novel007_8Table3

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ATGCTGCTCGACCCGAACACCCTGGCGCTTGATGGCACCGTCGCCCTGGCCGGGCGGAG
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TCAGCCCCGACGGCAAGCTGCTGGCCTACAGCATCGCCGCGTCCGGCTCCGACTGGAACG
AGATCAAGGTGCGCGACATCGACACCGGCAAGGACCTGCCTGACCACATCAAGTGGGTCA
AGTTCTCGAGCACCGCCTGGACCAAGGATGGCAAGGGCTTCTTCTACAGCCGCTACGACG
AGCCGAAAGAAGCGACCAAGCTGGCCGACGTCAACTACTTCCAGAAGCTGTACTTCCACC
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GGGGCTTCGGCGGCCAGACCACCGACGATGGCCGTTACCTGATCATCACCACCACCAAGG
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>SEQUENCE:2070:prostate_MPM2000-004P4Novel007_8Table3

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GGGTTACCCATCCACATTTTTTTTTTTTTTTTGGAGACAGAGTCCCACTGTGTACCAAGG
CTGGAGTGAAATGACACGATCTCTGCTCACTGCAACCTCCGCCTCCTGGGTTCAAGCAAT
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>SEQUENCE:2071:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2072:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCGGAGGATTT
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ACCCATTGAGGCAGAGCCTGAGGCTCTGTCAACAGTGCCAGCTCTAAAACCAACTCCAGA
GCTCGAGCTAGCTCTAACACCAGCTCGAGCACCCAGCCAGTGCCGGCTCCAGCCCCGGA
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>SEQUENCE:2073:prostate_MPM2000-004P4Novel007_8Table3

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AACAATGAAATGTTTCTCTTTAAATGCTGTGATTTAGAACTAGATGATGTGGCTTTTTAA
ATGAATAAATAGAATGTTAGAATAAGGTTGGAAGGGCAGATATGACTTCTCCCATGAAGA
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>SEQUENCE:2074:prostate_MPM2000-004P4Novel007_8Table3

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TTGCTTACCTGTTGCCAACATTGGGCCAACCCGAATTCTTCCCAATCTTTATCTTGGCTG
CCAGCGAGATGTCCTCAACAAGGAGCTGATGCAGCAGAATGGGATTGGTTATGTGTTAAA
TGCCAGCAATACCTGTCCAAAGCCTGACTTTATCCCCGAGTCTCATTTCTGCGTGTGCC
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>SEQUENCE:2075:prostate_MPM2000-004P4Novel007_8Table3

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CCAGCTGATGCTTGAGGCTGAACTTCTTGCCACAGCCATTGCACTCGTAGGGTTTCTCAC
CCGTGTGGATGCGTTTGTGGCTCTTGAGTGTGCTCTCATCCCGGAAGCAGCTGCCACAGA
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>SEQUENCE:2076:prostate_MPM2000-004P4Novel007_8Table3

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TGAACCTCTGACCTCAAGTGATCCTCTCTCCTTGGCCTCCTAAAGTGCTGGGATTCCAGG
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GAGGTTCCAGGACCTGGATAACCATCCTTTGCAGGGATGTAATTCACCAGAGACCAAGATT
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>SEQUENCE:2077:prostate_MPM2000-004P4Novel007_8Table3

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TGAATTGATGTGTTCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATT
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CAGACGAGAAAATCTTGATGGCTTCACAAGACATGCAACAAACAAAATGGAATACTGTGA
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CAGCCACACTCATTTTTTAATATTTAGTTCCCAGATCTGTACCTCGGCCGCTCTAGAACTA
GTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGG
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>SEQUENCE:2078:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2079:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2080:prostate_MPM2000-004P4Novel007_8Table3

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CCCTGTATCATACCTAGCAGAGGTTGGAGCTGGCACATGGGGAGGAGGTTCTAATAATTA
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>SEQUENCE:2081:prostate_MPM2000-004P4Novel007_8Table3

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ATGCCACAAATAACATTGATTCCAGGACCCAAGGATGGGATCATCAGGAGCGGGAAGAGC
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>SEQUENCE:2082:prostate_MPM2000-004P4Novel007_8Table3

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GAGGGAAGGCAAATGAGACCATCAGGAAGCCACAGAAGTCAGGACCTGGTTCTCTGGCTA
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>SEQUENCE:2083:prostate_MPM2000-004P4Novel007_8Table3
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CTCATTGTAGAAGGAGTGGTGCCAGATCTGGTGGAGACAAAAGCCATATGAGCCTGGCAG
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>SEQUENCE:2084:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2087:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2088:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2089:prostate_MPM2000-004P4Novel007_8Table3
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AGGGAATAAGGGCTCCGTAACATGACATCATAATTTCTAGACAAACGCTTAACTTCCCTG
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>SEQUENCE:2090:prostate_MPM2000-004P4Novel007_8Table3
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AGCTTGAGTTAGAGGTTTCTGCAGGATTACAGAGATGTGGGAACTTCCAGCCATTGACGT
GTGGAGGTTAGGATATGAACTACTGTGAGGTGCACTTTCAGAGGTTGAGGCTAATACTCC
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>SEQUENCE:2091:prostate_MPM2000-004P4Novel007_8Table3
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GAACTTTAATTTCAATAAAATGTGTATCTCATGCTCTTCTTCACTTCCCTGTGTAATCCT
GGCACCTGCAAGGCTTGTGCTTGCCTCCGTCATTGCAGCGGCAGCAGCCTCATTATGAAT
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>SEQUENCE:2092:prostate_MPM2000-004P4Novel007_8Table3
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GTGAAAATACTATGAGAAATTTAACTAAAAATGATAAATTTTAAAAATTGTGACTTCGT
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>SEQUENCE:2093:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2094:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2095:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2096:prostate_MPM2000-004P4Novel007_8Table3
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TTAAACCCGTGAAGTCCATTACTTTTTGTTCTTGTTATATTCTGCCAAAATGGGATGGG
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>SEQUENCE:2097:prostate_MPM2000-004P4Novel007_8Table3

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CGGGGTAACTATGGGTACGCGAGAGTCTAAACATTATGCTTATCTCTGCTATATTAAATT
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>SEQUENCE:2098:prostate_MPM2000-004P4Novel007_8Table3

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TGAAGCAGCATCACTGTCTGAGCTCGGAAGGCACAATCCACATAGGTCTGCATGGTCCAC
CGAGCTGCATGCCACGCGGGGCCAGCGGGAGGTGGGCAGCTGCTGGGCTCTCTTCTGAAG
C

AGACAGGATCTCACTCTGTTGCTGAGGCTGGATCACAGCTCCCTGCAACCTTGAACCTCTT
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>SEQUENCE:2099:prostate_MPM2000-004P4Novel007_8Table3

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GCAGCGATTGAAACCCAAGTCTGGTGACTCCAGAGCTCATGCTCTTCTCCACTTCTAGAA
TGTGCCTCCCTGCTCAGAGGAAAGGCTTGGCTCTGATGAGGGTCTCTAAGGCAGCTGTCC
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>SEQUENCE:2102:prostate_MPM2000-004P4Novel007_8Table3

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AGAAAATAATGGAAAGGATGTTTAACTCTTTTATCTCCGAACATTGAATGAGATAAATTT
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>SEQUENCE:2103:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2104:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2105:prostate_MPM2000-004P4Novel007_8Table3
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CAGCCTGGTGGAGCAAGTCTTCTAGATAAGACCCTGAATGCCTCATTCCATTGGCTGGG

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CTCCACCTACCAGTTGGTGGACATCCATGTGACAGAAATGGAGTCATCAGTTTATCAACC
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>SEQUENCE:2109:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2110:prostate_MPM2000-004P4Novel007_8Table3

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CCAAGAAAAGAATCAGTCGAGCCAGTTTGGTTGCCGTGCTTCATGGCCGGTGCCACAGA
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>SEQUENCE:2112:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2113:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2114:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2116:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2119:prostate_MPM2000-004P4Novel007_8Table3
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TTGGGCAAAATGAACCACTGGATTATAAGATGCCTGAGGACACAACCTCCAATTTAATAGT
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>SEQUENCE:2120:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2121:prostate_MPM2000-004P4Novel007_8Table3

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ACCGCATCCACCGGTCACTCGCCAGCCAGTTCAAGTACCTGCCCGGGCGGCCGCTCTAGA
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>SEQUENCE:2123:prostate_MPM2000-004P4Novel007_8Table3

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CACACTGAACATTGCAACAATACTAAATTCCATACATATAATAATCACTGAGCTATAA
GGTTGCTGATGTATTTGTTCTTGAAAGTGAATTAGAGTTACTTTATGCAGAATCAGCTAG
TTTTATGTTTCATAATGTCTTTCCCTTTTTTGAACTTTTTTAAGTCTAAAGTAGGGGGA
ACCAAGCCTGCTGGTGGTGATTTTGGAGAAGTCTTGAATTCGGCTGCAAATGCTAGTGCC
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TCTGCTACC

>SEQUENCE:2124:prostate_MPM2000-004P4Novel007_8Table3

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G
GAGTCACCTGCAATCTCATATCCTGGTGGAATGCCATGGTTATTAAAGTGTGTTTGTGAT
AGTGTCGTCAAAAAAAGGTTTTTGAATAGAAATTACATTCTTTGACACCCTCAGTTCTT

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TCAAACCTTTCAACTCTGCATTTTATTGCATTTTCTCATTTAACTGTTAGTATATGTTTGA
ATATAGGCTGACCTTTTTTCTCTATTGCACTTTCTTCTTTTTTCTTTTTAGAAAATAAG
CAATTAGGGGTTAGATGCAATATGAATATAAAATAGTTCTGTAAATACCAAATATTATTT
TTAGTTCTGGAAGTTAAAAATACTCTCCATAGTAACGTGTGTTATAATAATAAATATTTT
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>SEQUENCE:2125:prostate_MPM2000-004P4Novel007_8Table3

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CAAAAATATGTGATTTGAGTCTAATAAGGTCTTTAGGTTTAATTTCAAGTTTCCTTTGTA
TGTGTCTCCACTGTGCCCCGTCTCTTATGCAGCCCACTGGGAAGGTAGACACAGGGTCTT
TGTGCCCATCCCATAAAGGGGCCAAACAGCACTGCATGCCAGGAAAATGTGTAGAGATCAG
TGCAACGCAATCCTCACCAGAAAGGAGCTTTGTGCAAATTTTGAAGACAGAGGCAAATAG
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TCT

>SEQUENCE:2126:prostate_MPM2000-004P4Novel007_8Table3

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GTCCCACTGTTTCAATTTTATTCATACATTAGGGTGGCAAGGGTGGTCTTGCTCATTGCAAG
CAAAGTCATCCTGGTTCATGAAATGAAGAATGTGGACTGTGCAGTTTTCCAGTCATGAA
GACTTTTGATACATCACTTGAAATGTTCTCTCTGAAGTTGAGGGTCTTTTGTAATATCAC
CAGGGCAGTGAATGGCAGAGACCAGATCATGAATCGCTTCATTTAGAGCCTGCCTCCGGG
CTTCCCTGCACTCTGTGGCTGCTAATACCACACCCCTGTGTCCCTTGTGGTCTTAAGTCA
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>SEQUENCE:2127:prostate_MPM2000-004P4Novel007_8Table3

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AAATAGTGTTGCGCTTGTTAGTAAACCAATCTTAAGGCCAGTTACTAAAAAGTAACT
CCTACAATTTTGAATAGCTATTTGCTAATACAGTGATTTGCTGCCTTCTTGGGGTTAGTT
TAGCCTGTCCATTCTTATTTAACTTGCTCCCTTCCCTTTTAATAAAGTCCTGCCT
AAGCTCCAGGCTCTATTTCCACCTCTCCCTAAGATTTAGGATTGTTCCGTTTTAAGTC
AGTGGCCATATGTCTTCTGTTCTCCTAGTGTAACCTTACCTTACCCAGCAGCAGGCC
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CACCAGACATNTGTCTCCAACATATNCCTCTTGAACCACTCTCACAGCTTCTCAAGTTGC
ACAGCCAAGTTTGCAGATGGACAGCAGTGCTCTGTGCCAGTTTTTGACATTACACATCAG
ACACCTCTGTGTGAAGAACATACCAAAAAAATGGATAATTTCTTGAGAGGAGATAACTCC
CGTAAAGTTCAGCACCAAGCAGCAGAGGAAACCCAGGAAAAAACCAGCCTCCTGCACTA
ACCAAAAAAAAAAAAAAAAAAGGAAAAAAAAAAGTACCTGCCCGGGCGGCCGCTCTAGA
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC
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>SEQUENCE:2129:prostate_MPM2000-004P4Novel007_8Table3

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TCTTTGTAAAAACAGTCTTTGTTTTACTCAGAAAATTTGTATTGAGTCCTGCTACATACA
TGCTAGGCATTAGGGTCTAAAAAGAATGAAAATAAAGCATCTCAGGGATGGCTTTTCAGA
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CCAGAAGACTGGAGGGACCAAAAGAGGTGATGCATACACAAGGTTCTAAAGCCCAAGTCT
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GAATCTTGCTTAATCAGCTTCTCATTGAGCAGGTCTGGGGGAGAGGCTGAGAGTCAGCAT
TTCTTGCAAGTTCCCAGGTGATGCCAGTCTGCGGCCACATGTTCTAGACCCCAAAC
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>SEQUENCE:2131:prostate_MPM2000-004P4Novel007_8Table3

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ACCTCAGCTGAGCGCTGCCCTTGGCAGAATATGTTTACAGGATANTTAAATGTGTTTAAA
ATATTCTTTCATATTACTTGGTTGGCATTTAGATGTCTTAAGTTGTTTTAATAAATTAGG
GAAAGCTAGAATATAAAAGGTAGAAAATATATACATTTTCAGTGTTCCAAGACACTTTGG
TGGACTATAGAATGCTTTAAATGCAAGTTAAGATGAATATTTTATATTTGGCTGGGCATA
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>SEQUENCE:2132:prostate_MPM2000-004P4Novel007_8Table3

CAGGAGGNAAGAGAGCCTGATTCAGCAAAAGGGGGGAAGGAGGCCCAGAANNANNGGG
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ANGCCACAANCNCAAANGCCAANCCAGGCACAGNACCCGCAAACCCAGCCAGGAGAAAAN
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>SEQUENCE:2133:prostate_MPM2000-004P4Novel007_8Table3

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TTACGTCCCTGCTGAAGTGTGCAGGCTCACACCAATTGATAGAGTGTTTACTAGACTTGG
TGCCTCAGACAGAATAATGTCAGGAGAGTTTTGGGTTCCCATTAAGGTTCTTATTCAGT
CATTTAGATGTGATAAAAGATATTTGCTTCTTGTATATGAGCCTTTTAAATCTAATATT
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>SEQUENCE:2134:prostate_MPM2000-004P4Novel007_8Table3

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GAAAAGGAAGATCCGAAAAGTGGAAAAGGCTACTCAAGAGCTAATTCCTATTGAAGATT
TATTACCCCTCTAAAGTTCTTGGATAAAGCAAGGTAAGGATCCTTCTCTAGGGATGAAGT
CCTCAGGACAAAGGAGTAATATCAACTTCAGGTAGTTGTGTCTGTAGTTCACACCTGTGA
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>SEQUENCE:2135:prostate_MPM2000-004P4Novel007_8Table3

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CTTGTGACCAGCAGCTGGATGAGAGGAGTGTGAATCCCCCAAATCTTATGGATATAGTGT
GCTTTCTTTGATGTTCTGCCAAAGTGAGGCTGGAAAGCTAGGAAGATCTGTAAGACGTG
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ATAGCTTATCATTTTAAA

>SEQUENCE:2136:prostate_MPM2000-004P4Novel007_8Table3

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TTCACATCCAAGCTCTTCATCTTCTCATCAAGAGAGCCACATCCCGAGGAGACACCAA
GGGAAGGGTAGAGTTAGAACTGGGGTTCTTGAGAAAGTAGGGAGGGAAGAACTGTCAGC

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TGCTATTCTCTCAAGGCCCTTCCCTCAGAGAGCAGTGGCACCTGCCCCTTCTCTAAAGAA
GGAGGCTGCAGCCCCAAAAGTGCACCGCCACGGGGTGCCTCTCCAAGGAGCACCAGCAGA
GAAAGGTGGGGGGGGCCTGAGTCCTAATGCTTGCCGTTGTGTAAATACTTCCACGATGGCT
GCTTACAAACCACAAACAGGTTGTGCTGAATACAAAGCTGGAAAGAAATCCACACAATC
TTCTCTCACCAGCACACCACTGCAGCTGCTGTGGGATCGGCCCAAGGAATGCCAGCA

>SEQUENCE:2137:prostate_MPM2000-004P4Novel007_8Table3

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GGCCCTCCCTGTCTGGTAAGAGAGGAGGAGACGCCTCCCCGATTCAGGGAAGGAGGAAGA
GAATGAGCGGCAGGTCGCCTACCTGGACATTCTTCATTGCTGCAGATCCACTGGCTGTTT
CGGCAAATGCTGTTGGAGGGGAAAAAGCACAGGTCATTGGTGGTTCTGCAAACACAAGGGT
ATGCAAATGGATTAGAGCTCATGGTAGTTATCACAGTCCCCAAACGAAGGGATGTGGGA
AAAGAAAAGAGCTGGTGTAGCAAAATCTTCATAGGGTTAAAATTGTACCTCGGCCGCTC
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>SEQUENCE:2138:prostate_MPM2000-004P4Novel007_8Table3

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TGGATTATTTTCTCTGCGATTACATGTGGAATAGAGTGATTAATCATAAAATGTCTTC
CTCATGATTCCAAAAGTTGGAATGAAGAGAGCAACAGACTATATGTTTTCTAAACTGA
TATATCTCCTTGTGATCTAAGGGGATTATTTTCAGTGTCCATATATATAAACAGCCTG
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>SEQUENCE:2139:prostate_MPM2000-004P4Novel007_8Table3

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CTGGGAAGAGCAATCATTACCCAAGTGTGAGGGTAGGGTGCATTACTAAGTAATTCATTG
ACATTTTCCCAGTAGCCTTTTACTTAACAGCGAATAATAAGAGGAAGGTAAAGTATTTA
ATTAAGAGCCACAGCCCTGTAAACATGAAATCATTATTCCAGACATCCCTTCGAATATGT
TGCCTACTTTAAAAAGAAGTTATTTTCTCCCATCTGGGAGAAATCCTCACTATTAAAAA
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>SEQUENCE:2140:prostate_MPM2000-004P4Novel007_8Table3

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CTGATCGCGAGAGCTTATACGTCTCGAAGACATTTAGAATCGCTAGGCTCTTACTGGGGC
TAAAGGTCTAACTTGAAAGTTAGATTATTTTGGAAAGAGGGGGCTAATAGACAGTACCAGG
GAAGAGAGGGGTAGCTTATTTTAACCAACCCAATAAATTGGGGCGAAAAATCACATAGGG
AGAAAGAACTTGATGGGGGAGGGAATATATGTCTGCCGACCATATTCACAGGGTGCCGCA
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>SEQUENCE:2141:prostate_MPM2000-004P4Novel007_8Table3

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GTTAGAACTGGAATTTATGCTAAGAACAATGGCAGTAAGCCACCAAACATTTTTTTGCC
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>SEQUENCE:2142:prostate_MPM2000-004P4Novel007_8Table3

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TGGAGACCAGCAGCCACAGCTGCTGCTACTCCTGCAGGAGACTGTCAGGCTGTGGTGGGG
GGCAGGGGTGTTGGAGGAGAAGTTGAAAATCCGTGTGTTCTCTGCCCCCTCTGCTCCTCCA
TCTTAGCTTCTGGAGGAGTTAAGGCACCAAGGGCACCAAGTCAGGTTGGCAGTTTTGTTG
CCCTTGCCCAAGCCTCCAGCAAACTAGCTGGTCCCCTGCTTTGCTGGGTCCCAGCCAGG
TGTGATTTTGGTTGTTGATTAGTAACACACATTGTTTTTCCCCACCTTTTTCATTAGTG
GAGGTTTTTGTGTTTGTGTTTGTGTTTGTGTTGAGACAAAGTCTCACGCTCTTTTCAG
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>SEQUENCE:2143:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACATAACAAAATG
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TTTTCCCCATCTCTTTAAAAAAAATGGGAATGACAATAATTATATCTGCCTCATAGTG
TTATTGTGAGGATTGGTTAATACAGGTAAAGGATTTAGAAAGGGGCGCTGGCATATAGTAA
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AAAATACTCAGGCCAGCACTATGGCTCACACCTGTAATCCTAATACTTTGGGAGGCCGAG
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TGTCTCTACA

>SEQUENCE:2144:prostate_MPM2000-004P4Novel007_8Table3

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TTTAAAAAATACCAATGACTGGGTCCCAGCCTAGAGTGATTAATCAGAATCTCTGGAGG
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TGCAGGCCATTGTAAGAGCCAGGCGTTGATCTCATTCAACCTTTCCCTCAGCTCTTCTAG
AGACAGCCAGCATTCTCTTATGGCACAAATACAGCCTTTCACCCTCACAGAAAGACACAG
GACAACAAATTCAATAAATTAATTCATCTGGCATGGATGATTTTCTCAGACTAATTGTTTC
CAGTTTGATAGGAGACAATTAAGGCTGGAAGGCACTGGATGCCTGATGATGAAGTGGAC
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>SEQUENCE:2145:prostate_MPM2000-004P4Novel007_8Table3

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CAAAACATGTGGGATGCAGGTAAAGCAGGACTTAAGGGTAAGTTTATTGACTTAAGTCTT
CCAAAAAAGATGTAAATGAATTAAGTTCAATTCAAAGTTAGAAAATGAAACACAGAAA
AGCTGGAGGGGAAAAAGAACAGAAAAAATAGAAATAAGTTAATAATGCAGTCATCTTTTAT
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>SEQUENCE:2146:prostate_MPM2000-004P4Novel007_8Table3

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GTGAGGTATTATACAGGTTGAGGAGATAAAGGGGAGAGAGGCCTGCAGTGCTAACAGGAG
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>SEQUENCE:2147:prostate_MPM2000-004P4Novel007_8Table3

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CGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAGGTGTCAGTGATC
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>SEQUENCE:2148:prostate_MPM2000-004P4Novel007_8Table3

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AGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCC
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ACCATTCTTAGTGCCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTG
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>SEQUENCE:2149:prostate_MPM2000-004P4Novel007_8Table3
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GCAATTTTCTACACATCTGAAAATTACCAGTTTATCTAACTCCTTAAATGTTCTCTCTT
CAACAACAAAAACACAAACAAAAATTGCTGGAAGAAACAGGAAGCATCCAGGTCCAAAT
GACAGCATAACAGACTATGAAGAAACAGGGCTTAAGTGCCCATCTAGAACAAGATGGTCT
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>SEQUENCE:2150:prostate_MPM2000-004P4Novel007_8Table3
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CAGGCCCTGCTTTAAACGCTTTATCTGCATTATCTTACTTGATTCTCGCAATAGCCCTGG
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TCAATTAGGCAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCT
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TTGAAAGTTTTAGTCAGCTTTATTCCAAAACCTGGTATTTGTTACTTCTTAAGTCAGTTTT
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>SEQUENCE:2153:prostate_MPM2000-004P4Novel007_8Table3
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GCCCTTCTCAGTTAGGATGGGGGAGTTCTGGACATTTCTAGCTAAAGCCCAGGGGTCAAG
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>SEQUENCE:2154:prostate_MPM2000-004P4Novel007_8Table3
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AATATGGAAGAGACAGTTGCCCTCAGCTTGGTCCAGGAAAAAATGCTGTGTGATATGATG
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TTTGGTGGGAAGTTTACCTCTCCATATCTTATATTTCTTAGCTCTAAAATGGAAATAATA
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>SEQUENCE:2155:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
TACCGCATTGCTTGAACAGCTGGAAGAGACAACGAGAGAAGGAGAAAGGAGGGAGCAGGT
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ACGAATTGCTGAACTTGAAGCAAAACCAATACACTCCGTTTATCACAGACTGTGGCTCC
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>SEQUENCE:2156:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGA
CATGACACTTAAAGAAAATGCTCATTGAACCAGCATTTTAGGTTTCAGATTTTGGATT
GGAATATAACTTATACTTCTGGCTTACTTGTTCCTTAAGGTCATCCCTTTAATGACCTTG
AAAATTAGAAGAAGCAAAATTACTTTCTTATGGTTAGCCTTCTACGCTGTGCCTCAGCT
CTAAATAGACATTAACAAGTAGAACATAGAGATTTCTGGGGCTTGTAGATGTAGGAAGTA
TTGATATAAGATGTCGAGAAAGTTCTGAATGGAGCCTGTTACCAGGAGGCTAGAAAAAAA
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>SEQUENCE:2157:prostate_MPM2000-004P4Novel007_8Table3

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TAGAGCCTGCAGCCTACCTGTCCTGCATAGGAATGAAGCCGGGAGGAGTTACATGATATG
CCCTAGTTGCAGGCCGGGGACACAGCTACCGCATTGAGAGACCAGGAAACAGAGCAAAAG
CTGTTCTCAGAGTGCGGCTGAGCGAGGAGCTACAGGGGAATGGAGGGGGCCAAGCTGCAT
GGAAGATTGTCCCATTAACCTGGCTTTTTACCAGGGTGGTCCTCTCCCTAACCCTAAGA
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>SEQUENCE:2159:prostate_MPM2000-004P4Novel007_8Table3

AGCGCGCGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCC
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CAGTTCTCGGAATTTTGCACCAACATGATCCCATAGTTCCACATCTAACGTTTCCTTTTC
AGGAAACCAAGGACAGTGTTCCTTCCACTGCCCTGAATAGGGTGACCATATTTTCCATGGG
AACCCGAACCTCCCCATTTTAACAGGAATTTAATATAGCAGAGATAAGCATAATGTTTAG
ACTCTGCGTGACCCATAGTTACCCCGGACAATACACAGACAACCTACCAATCGTCGGGGA
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>SEQUENCE:2160:prostate_MPM2000-004P4Novel007_8Table3

GCGTATACGACTACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGCCCGGGCAG
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TACTGTCCGGACACCTTTGACCACCCGACTCTCATAGAAAACGAGAGTATATGCGATGAG
TTTGCGCCAAATCTTAAAGGCAGACCACGCAAAAAGAAACCATGCCACAAAGAAGAGAT
CATTCAGTGGTGTTAAGGATTCCAACAACAATTCCGATGGCAAAGCCGTTGCCAAGGTGA
AATGTGAGGCCAGGTCAGCCTTGACCAAGCCGAAGAATAACCATAACTGTAAAAAAGTCT
CAAATGAAGAAAAACCAAAGGTTGCCATTGGTGAAGAGTGCAGGGCAGATGGACAAGCCT
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>SEQUENCE:2161:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACCTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCA
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TAGGATTGTGTTTAAACAAAAGTGAGATGCTAATTCTTGAATAGGCCTCTCTATGGGG
ACTGCACGTAATCACATTACCCTAGATCTTGAGTTAGCGAGAGAATATTCAGTGTGAGGT
GATTCAGTACCTTGCCCTATAACTTGAACCAATAGCAAATCCAGATGTAGTTTCACTGG
CCTTTGAAGTCCAGGGCAAAAAGACAAAGCGTGACTCCCTGTCTCCCCATTGCATCCTGA
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>SEQUENCE:2162:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTA
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ACAAAAAGTGTTTTTGGGAGACTCTAAAATGCACCATCTTACCTTAAGGATGTTTTAGGA
GAAGCTCCACTACACAAGGCAGCAAAAGTTGGAAGCCTGGAGTGCCTAAGCCTGCTTGTA
GCCAGTGATGCCCAAATTGAGTGAGTATGAAAACAGTGGCTTCACATTTTATGTTTTCTT
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>SEQUENCE:2163:prostate_MPM2000-004P4Novel007_8Table3

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AGGCCTTGGTTCTATTATCCATGTGCCCAACTGCAGCCATCGTGGGCTGGTGTAAAATT
TTCCTTTCAATTGTCATTTTTCTAATAATTGCAATCAGTGAGAGGAGAAGAAAAAGTTCA
AGGGAATGACCTGACCTTTACCATCCTACACAGGAGATGACTGATGACATGGATTCATA
CACTAATGTATATCGTATATTCTCCAAAGACCCTCAAAAATCGCAAGAAGTTTTGAAAAA
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>SEQUENCE:2164:prostate_MPM2000-004P4Novel007_8Table3

CGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCC
AGAACTTAAAGTATAATTTTAAAAGAACAAATTTTCTTTTAATTAAGCTTTTATCATAGA
ACTTGTAAGAAAAATCGTTTTTCACTCTCTTACTACCACATCATAGCTGGGACAACTGCT
GATATTTTAAAAGCAACACAAATATCAAACAGAAAGAACTAGACTTAGGAACCAAACCTCA
GGTTTCTGTAGTGAACAGGGCAGAATCTTAACATTCCGTCCCCACCATTACTCCTTCAGT
TTGGCCTTTGCTAGCAAAAGATGGCCTTGTTATGTAGATGAGACCATTATATAAAAAAA
AGTTTTAAAAAATTTCCAACCTGGATTTTCTGTGTTTTTTTTTG

>SEQUENCE:2165:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACCTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCA
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TAGGATTGTGTTTAAACAAAAGTGAGATGCTAATTCTTGAAAATTAGGCCTCTCTATGGGG
ACTGCACGTAATCACATTACCCTAGATCTTGAGTTAGCGAGAGAATATTCAGTGTCAGGT
GATTCAGTGACCTTGCTATAACTTGAAACCAATAGCAAATCCAGATGTAGTTTCACTGG
CCTTTGAAGTCCAGGGCAAAAAGACAAAGCGTGACTCCCTGTCTCCCCATTGCATCCTGA
TTGTCTCCCTGTCCAGGGACAGAATAAATATCCTCAAGACAT

>SEQUENCE:2166:prostate_MPM2000-004P4Novel007_8Table3

CGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCA
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TGCTTGGGTGCTGCGTAAGACAATCCCCCAACGCCTCCAAAAAATAGGACATGGTCCA
CTGCAGGAGTTCATAATCTAGGAGTCCAGAGAGTCCAGGCTCATCATCCCTTCAGAAGAA
AGAATCTTCAGGCCCTGCTCTTGAGAGTAATTTCTCTTAACACCGACAGTGCAGCAA
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>SEQUENCE:2167:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAG
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GAAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTT
TTCTTTTACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTT
CAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGG
TCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTC
TGTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTG
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>SEQUENCE:2169:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCAC
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TTTATATGTTGTCTTGTTTAAAGGAAGAACACAAAAATGCCCTGCTAAAGGGATTCTGTT
TGGCTGCAGGCAGCAAGAGGGGAAAAACACAGAGCATATTTTGCAGAAAATGATTTATTAG
AAGTCAGAACTATGACACGAAGCCAAGCAGGGCACTCTAGGACTGAATTTGCTGTGCTGC
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>SEQUENCE:2171:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGC
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GGGGCAAATGAAAATAGGAGGACTCCAAAAAGCCCTTGCCATTAACAACCTATGCCATT

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ACTGCTACAACTTTTACAACCTAGGCCACTGAGGAAAACAAAGTTACTGCCAACATTAA
ATACTGTTGATAAAGCTGAACAAAGACTATACCATTTCACTTATCTGGAAACAGAGTTAC
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ACTGTAGAAAAATG

>SEQUENCE:2172:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGC
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AGATTCTCTCAGGAGGTGCTACTTAAGGAGAGACGAGAATAAAATGAGGGTGTGAACCAT
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ACACTTGATCTGCTCTAAGAACAGCAAAAGGATGGATGGAGCAGGGTGAAGCAGAAGGTGT
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>SEQUENCE:2173:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGTGCCCTCTAGATGCTTGCTCCAGCTAGATGCATGCTCGAGC
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TACGCGGGGTGACACACACACACACAGCACCTGCACGCAGATGCACACATCTCTAGTC
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TATTCTCACTGTAGTCAAGGACTCATTGCAATTCAGAAATGAGAAGCTGATCCGGAACCTC
CACTACAGCTCANAGAAATTCTCGAATGTTCTCACCTATTAACAGTTATTAATAATGGAAG
AAGCTGGGGATGAAATTGTGAGCAATGCCATCTCCTACGCTCTATACAAAGCCTTCAGCA
CCAGTGAGCAAGACAAGGATAACTGGAATGGGCAGCTGAAGCTTCTGCTGGAGTGGAACC
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>SEQUENCE:2175:prostate_MPM2000-004P4Novel007_8Table3

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AAACCCCTCTAACTAATCCCACTTCTCCTAATTATCTTTTTCTCCTTACGAACCTAAAAA
TCTCACCATTCTATTAGCCTGAAAATAACATCCCTCTGTTCTTCTCCTCCTTCAGC
ACTGGATCTCACTTACAATAGGTTTTATTTAATAATTATCTTCTTACACTTTCTGTCTC
ACCAGTTTCCCCTTAACTGATTTACCTGCTACACAAAATTATTCTTATTGGGCTTATGT
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>SEQUENCE:2176:prostate_MPM2000-004P4Novel007_8Table3

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AGGTCACTGTGCACAATCATCAAATTCTTACTCAGAAGTGCAAAGACAGTTGGAGATAGC
GCCACATCCCTATTAGTGAGTTTTTGGCATTTCGAATTGTAGTCAGGGCACTGAGGTCA
AATTTAACTACAAATTTTGCATTGTCTACATTGAACACATGATTCTTAAAGCCTCATGT
TTTATTTCAGAACAGGACTCAGGAAGCTGCAGACTGTGCAGGAGGTTGTTTAGGGCACAA
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>SEQUENCE:2177:prostate_MPM2000-004P4Novel007_8Table3

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CCCTGCTAAAACCATGGCTTTAAGTAAGGAGGGAGCAGATATATAAAACCTTATCCCTC
TTTCTAATCTCTTATGTCCTGTGAGTGTCACCCATTGAGTAAACCCAAGTGGAAGTCAGC
AGGAAAGTAGCTGGGATGATGCAGTCTTTACAGGGTCTCTGTGTCACCCAGGCTGAAGTG
AAATGGTGTGATCTCGGCTCACTGCAACCTCTGCCTCCTGGGTTCAAGTGATTCTCCAGC
CTCAGCCTCCCAAATAGATACCAGTAAAGATGTCATCTGGCCAATTTGTGTGAAAAAAG
AGAATAATTCTCATCAAACCGCCTGTCTCTGGAAATAAGAAAAGCTCTGAGGGTCTCCA
AAGTTACCAGAGGAAGGCTGAATTTTATGGCGATTGATAATTTCCAAGCTTATGAAGA
AAAAATATCATTAGTCTTTTCCATGGTAGAAAAGAGTAAAGCCTGTAACAAAAAAGTGA
TACAGTGGATGGGATGATGAGACCCTTGAAATAAGCAAGGATGGAC

>SEQUENCE:2179:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
GATTCCTTAGTGTGGGAGTTCTGGAACCTGGAGGTTGTTCACTTTCTCATTATCCTTCT

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TTAAAAGGGAGCCAAAATCTATACCAGATTTTAGGAACTCAGTGTAAGTCCCCTTCTGCA
CCATTTTACCCTAAAATAAAAATAAAGAATTTTCAGAGAGATACATGTGCAGGTGATAATG
TTAACCTAATCTAATTCTAATCCAGAAAAAGTAACTGATCTTAAGTTATGATTATACTTA
GGTCCGGAATCCTAGTTGACAAATCTAATACAATTCAACTTGATACACAACTGAGTGTTT
CTGTTCTCAGCCAGACTCTGTGTTAGGTCCTGAAGAATATTTTTAAAATGGTAATAGTGT
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>SEQUENCE:2180:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT
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TCCCTCTGTGAATTTACAACACCCCAACACCCCATGAGTTCAGTCCTTAAGAAGGAAAATTG
AGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAG
AAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTG
GCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATG
GCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAAA
TTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGTCATCAATGCG
TTGAAACAACTTGGCATGCTTCCTGTTTTGTGTGTGTAGCCTGTGGAAAGCCCATTCGG
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>SEQUENCE:2181:prostate_MPM2000-004P4Novel007_8Table3

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CTGACATAAAGCTACTCTTCATCAGAGATGAGTTCCTATGCATGTCCTTTGTTCTTCAA
TAGCTAATTAATGTGCTTGAGGATACTTCAGTGGAAGGAAAGGTTTAAATATGCAAATTA
CTAATAAATGTGTAACCTTATGTAACCTTGTGTTACATCAAGTAACAAGCTAATCTAGTTT
GTTTCACTGGACTAGGCTTGTGCTCCCTACTTCAGTATTTTGATGCTTTCCTTGATCTTT
GTTTCACAAAATGTTGTGAATTTTGGTATCATTCAAACAAATGACATTTATTAGGTTTC
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CAGGAATTCGATATCAAGCTTATCGATACC

>SEQUENCE:2182:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTTGAAATATATGGGGCAAGTTCCCCC
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TTGGTAGGTGCGGAGAAATGTTTCATCGGTCCAGTCCACAGAAATGCTTGTTGGGCTCCCC
GACGATTGGTGAGTTGTCTGTGATTGTCCGGGGTAAGTATGGGTACGCGAGAGTCTAAA
CATTATGCTTATCTCTGCTATATTAAATTCCTGTTAAATGGGGGAGTTCGGGTTCCCAT
GGAAATATGGTCAACCCTATTCAGGGCAGTGGAAGAACTGTCTTGGTTTCCTGAAAA
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>SEQUENCE:2183:prostate_MPM2000-004P4Novel007_8Table3

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GGTCTGGTCAAAACCTTTCAGTGTTCCCAACAATCATTCTCCCATCTGATGTAATAACGGC
AACAGTTCCTGATAACTGAATCAAAGAAAGTGTTCTTAGGGAAATGCAAATTGAAAACAG
ACTCTGGCAAGGGAATGATTTGAATTTTGAATAAATATGACAACTAGGTATAAGTATT
CAACACAGCCACTAAGTTCCTACATAAAAACGTTAAAAGTTTCTTCGACGCCAAGGCAG
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>SEQUENCE:2184:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTT
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TCAAGCTATAGACTCACAATGACAACGTGGCCATGGCTCAAACACTCTCTGAAATTACA
AAATTGCTTTCTGAGCCAATTTAAAAGTCACATGATTGAATCCAAGCTATTTTACTTTAA
ATGGTCTTTTGTCTTGCACCTGAGACCTCGCTTGGCCACAGACGTCATTGCTGGACTC
CCTGGGCACTAAATGAGTGTCTAGCATCCTTAAGGCTGCTCAAACACAGCCCC

>SEQUENCE:2185:prostate_MPM2000-004P4Novel007_8Table3

CTAACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTA

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CGCGGGTAATGACAGTGCCCTTTTGGGTCAGTAATGTGGCTTTTCCTCTCTTCTCTCGGC
TCCTCACCTCACCTACCCACCCCCTCTCTCGACGCTCAGTGCTCGCCAAACCCGGAGTC
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>SEQUENCE:2186:prostate_MPM2000-004P4Novel007_8Table3

CGCGGCGGCGGCCGAGGTACCCAGCCAGGCGCACGATGTCGTGTAAGCAGGGTATCCT
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CCCTTCGGAATTGGAAGTGCCTGTAGCTAAGCTGTTTCCCCTGGAGAGTCCAGCTGTTCT
CCTGATCCGGCCCTGCACACACACACCCAGCCACAAATTACTAGGATGTCAAACCCAGGT
GATCAGGATACTCTCATGGACTGCCCTGCTCCCCCAGGGCTCTCCCTACAGTGTAATCCT
AAAGCCAAACTTCCTTTCAGCAGTGGCTGAAGCAAACCTCTGCAGTCAGAGGTCATACCCA
GCAGGCTTCACCATGCAGACTTGAATGTTGATTTGAGGGCCTAGCTGCTCAGCACAGGGC
ATTTGGGAGACAATGTGTACCTGCCCGGGCGG

>SEQUENCE:2187:prostate_MPM2000-004P4Novel007_8Table3

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCTTAGTCTTGA
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GATCAGAGCCACCTCTAGGAACCACATGGCTGAGAGCAGACACAGACAGGCTCCGCAGCC
CCTGACACAGTCCCATGGCTGGGTTTACTTAAGACAACAGCTACACACAGAACGATGTCA
AGCCCCATTCTCCCATGTTTTTCTTACCTAAGGTAATGATGGCATGTGCTCTAATCACAG
AGGGCATGACAG

>SEQUENCE:2188:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATACCATAGGTAAAGT
AGGCGCCTGATATTAGGAAGATCAATAATTCATCTAAGTGCTGTATGAAACAGCATCTAC
AAAAGTTGCTTTATTCAACAACTTTGAGGGAACCGTGGTACATCACCTGCTGAGGGAC
ATCCAGGACAAGGTCACCACACTCTACAAAGGCAGTCAACTACATGACACATTCCGCTTC
TGCCTGGTCACCAACTTGACGATGGACTT

>SEQUENCE:2189:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGTATTGGAGCTCCACCGCGGTGGCGGCCGAGGTTCTCTCAAAGCCCTCAGG
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AGTTTTATCTTGTTTCATGGAACCTTAATTTTAGCCTGTTGATTTTACTGTCTACATTAG
ACTTGTTGAGAAAGATTCTGTAATCTTTTAGGTTAGACAAATGAGAATTCATTGTCTTCT
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TGGTCACAATCATGTAGAGCAGTAGCCAGTCTACAATGATGTAATTGAATTTCCATTTCC
AGTGTTTCGTCGTTGTGTCTTACATTGTCCAGTTCAGAACTGAGCATTTTATTCTCAGTT
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>SEQUENCE:2190:prostate_MPM2000-004P4Novel007_8Table3

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGT
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TGTCTATAGCAGTGGGAGGTGGAAGGATAATAAACAGTAGGTGAGGTTAGAGGGGACCAA
ATCATGTATTTTCATCAGAGGTTCCCAACCTTGGCTGCACATTGGATTATTCTAAGGAG
CTTTTAAAAAATACCAATGACTGGGTCCCAGCCTAGAGTGATTAATCAGAATCTCTGGA
GGTAGACTTGAGAATCTGATGTTTGCAAGTTTCTAGGCAAGTCAAGGCTGAGGAAGACT
GCTGCAGGCCATTGTAAGAGCCAGGCGTTGATCTCATTCAACCTTTCCCTCAGCTCTTCT
AGAGACAGCCAGCATTCTTATGGCACAAATACAGCCTTTCACCCTCACAGAAAGACAC
AGGACAACAAATTCAATAAATTAATTCAGTGGCATGGATGATTTTCTCAGACTAATTGTT
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>SEQUENCE:2191:prostate_MPM2000-004P4Novel007_8Table3

GGCCGAGGTACTTGATCAAATTTCTACTTTAATTGGTCACGGTATCATTATGAATATTA
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CANAGCCTTTATCAATTCTGGGCATGGCAGATGTCTTGCCGATTTTGTGGGAATTATTGA
CAATCGTTACCCCAAAACAAAAATCTTCCAGTTTTTAAATGACTACTTGGATTTTACC
TAAAGTTACCAAACATAAGCCTTTAAAAAATGCTCTGGCAGTGTTTACTGATGGTTCCAG
CAATGGAAAAGTGGCTTACACCGGGCCAAAAGAATGAGTCATCAAACTCAGTATCACTT

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GACTCAAAGAGCAGAGTTGGTTGCCGTCATTACAGTGTTAACAAGATTTTAATCAGTC
>SEQUENCE:2192:prostate_MPM2000-004P4Novel007_8Table3
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AAAGTGGCTTACACCGGGCCAAAAGAATGAGTCATCAAACTCAGTATCACTTGACTCAA
AGAGCAGAGTTGGTTGCCGTCATTACAGTGTTAACAAGATTTTAATCAGTCTATTAAACAT
TGTATCAGATTCTGCATATGTAGTACAGGCTACAAAGGATATTGAGAGAGCCCTAATCAA
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>SEQUENCE:2193:prostate_MPM2000-004P4Novel007_8Table3
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ATATCTATCTGCTGGTTCCTCCTGTGCTCAACCCAATTGTCTATGGAGTGAAGACAAAAGG
AGATTCACGCGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAGGTG
TCAGTGATCAAACCTTCTTTTCCATTGAGAGTCCTCTGATTCAGATTTTAATGTAAACATT
TTGGAAGACAGTATTCAGAAAAAAATTTCTTAATAAAAAACAACCTCAGATCCTTCAA
ATATGAACTGGTTGGGGAATCTCCATTTTTTCAATATTATTTTCTTCTTTGGTTTCTTG
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>SEQUENCE:2194:prostate_MPM2000-004P4Novel007_8Table3
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ATATACATGGGCTCATGCAGGCTGTGCTCAGTCCGCACAATGTAGATGATTGTCAAGTTA
CCTAGCACAGCAATAAGGTAGAGGGAGCACAATGGGAAGGCCAACCAGAAGTGAAGCCTCT
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>SEQUENCE:2195:prostate_MPM2000-004P4Novel007_8Table3
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CACTTGCTGGCCCTCCCTCCACCCTCTCTTTGCCTGCAGCAAGGCAGGGAAGAGATAGGT
GGTAGGGGAGGGAGAACAAGACTGTTTAGACCCACAGGCCCTTTTAAATGGAGATTAAGT
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>SEQUENCE:2196:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2197:prostate_MPM2000-004P4Novel007_8Table3
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GTCCCCCACCAGAACATCAGTAAACTGAAAGAACTCAGTCAGAGCCTGGGATGATGA
AGATGATGATGAGAATATCATTCTTTCTCTCTATGTCCATGGAGAATTTAGCAACTTCC
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>SEQUENCE:2198:prostate_MPM2000-004P4Novel007_8Table3

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AATTGCTCCAACAGGATGGATATGTTACGGAACAATTAGGCATAATAGGATGTGCATTTT
TGTCTACTGAGAAACACCAGGTAGAAAAGTGCACCAAGCTGAATTGAGCTTCGTGGTAAT
ACACAAAAAATGCACACAGCTCAGCTCAACAAGTGCAGTGAAGTGCACACCAACACATTTG
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>SEQUENCE:2199:prostate_MPM2000-004P4Novel007_8Table3

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CCTCCAAAATAAAATTCTGATTTGACCCAGTGAGGTAAGCCCAGGTAAGGTGAGCTTCAC
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ACCTCATTTACCTAAAGATTCTGGGTGGGAAATCCAATAGCTGTGGCTGATGGAGGGGAG
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>SEQUENCE:2200:prostate_MPM2000-004P4Novel007_8Table3

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CCCCAAGATCTCAGTGTTGAGGCAGTCTGATGCTTACAGTCAGGATGATAAGGAAGAAAC
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CCTGGAAGCCACCTGCTGGAGGGTTTTCCAGGTGGAGGGAGCTATTGGCTGAGTCAGGGA
GAGGAGCCCTGAGCATTGGCCATGGGAGTTAGTAATGCAAAACCATTGGTGCTAATGAGA
GGGTAGTGCTGTGGAGTCAAGTGGAATAAGTTAATAGAGAATGAAAGGAGAGAGATTGGA
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>SEQUENCE:2201:prostate_MPM2000-004P4Novel007_8Table3

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TTCTCTGATGATGACCTCCCCAGGTGGATATCTCTCAGTCCAAGGCCGTCTTCCCTGTAC
CCANNACTAACGTGCCCACTCTCTTCTTATTTTACCAGCGACCTACCAAGTATTGCCTTT
ACAGGCACTCTCANNACTTAACATTGTCTAAAACCAGANNACTTTTTCTGGCCCCTGG
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>SEQUENCE:2202:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2203:prostate_MPM2000-004P4Novel007_8Table3

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GTGCCTGTCTCCAGTCAGGCTGGAATAAGTCTCCTCATATTTGCAAGCTCGGCCCTCCCC
TGGAATCTAAAGCCTCCTCAGCCTTCTGAGTCAGCCTGAAAGGAACAGGCCGAAGTCTG
TATGGGCTCTGTAAGTAAAGTGTGTTTGTTCATGAAAATGCTTGACTCTAGATGAATTG
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AGAATGGGTATTTTCGTTCTGCCTGATATAGGTTAGATAACTTGTTTTTAGTCAAATGGT
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>SEQUENCE:2204:prostate_MPM2000-004P4Novel007_8Table3
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TAATTNTCTGTATTTTTTAGTAGAGACAGAGTTTCACCATGTT
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>SEQUENCE:2206:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2208:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2209:prostate_MPM2000-004P4Novel007_8Table3
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GGTTCCCATGGAAAATATGGTCACCCTATTCAGGGCAGTGGAAGAACACTGTCCTTGGTT
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>SEQUENCE:2210:prostate_MPM2000-004P4Novel007_8Table3

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TATGAGTATTAGAAAGTCTGCAAATTAGGTTGTTTGCTTTGTGGTGAGGTGTGAAACAGG
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>SEQUENCE:2211:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2212:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2213:prostate_MPM2000-004P4Novel007_8Table3

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CAAAATTTTTGTTGCTATCTTTTCTCTCCAGTTTTCTCATATGTGTGAATTTATATCT
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>SEQUENCE:2215:prostate_MPM2000-004P4Novel007_8Table3

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G TAGTAACCTCTTCTGAAGTAACTGGTTAAATTAATAACTGGTCCCATAAGTCAGGGTCA
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>SEQUENCE:2219:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2220:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2221:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2222:prostate_MPM2000-004P4Novel007_8Table3

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AAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATC
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AAGTCATCA

>SEQUENCE:2223:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTAATAGAGGATTTGAACACTTTGTTTGCTGTAGACAAAACATCTTTATCTTAAAC
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>SEQUENCE:2224:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2225:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2256:prostate_MPM2000-004P4Novel007_8Table3

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GGAGCTAAAAGGTCCATATGATCAAAAAGGCAGCTCTCAACCCAGCACGAAATTCTAGGC
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>SEQUENCE:2257:prostate_MPM2000-004P4Novel007_8Table3
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TGCATGCAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGG
CGGCTGAGGATACAGCGCCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGG
TTGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAAC
CTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGG
TTGGGTCTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGG
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CGTT
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TCTGAGCTCTGTCTTCTCAGCTCAGTAGGACCACCACTGCTGAACCTTCGTTCTTCCTCTG
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TCCCATTTTATAGGAATTCCAATCCTATACTACCTACCTTCCATCCAATGTTTGAACGTTT
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GCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC
TTATCGATACCGTCGACCTCGAGGGGGGGCCCG
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AAGCAGGAAAACCTTAGCTTCATCAGCGTGGGAAACAAGTTTAAGACACAGTTAAATTTGC
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CCTCTTTGCCTTCCACCATGATTGTAAGTTTCCTGAGGCCTCCCAGCCATGCTTCCTCTG
AAGCCTGCGGAACCTCCTGAGCCTCCTACCTCTGCTGGAAGCCCAGATCCCATTGTGTGC
CAACCTAGTACCGGTGCCCATCACCAACGCCACCCTGGACCAGATCACTGGCAAGTGGTT
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CAACAGCTTTGTTTTGAGGGTTAGAAATATGAAATGATTTGGTTATGAACGCACAGTTTA
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CCTCATGTATCACAGTATTCCATTTTGTGTTGTTGCATGTCTTGTGAAGCCATCAAGATT
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ATCCCGTTCAAATAAATATCCACAACAGGATCTGTTTTCTGCCCATCCTTTAAGGAACA
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>SEQUENCE:2262:prostate_MPM2000-004P4Novel007_8Table3
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AGCACCTGCACGCAGATGCACACATCTCTAGTCAAATGAGGCTCTCAGCTTTTTTGATAGG
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CAATGACCGCCGATGGGAGTCTGCTGACCTTCAAGAAGTCATGTTTACGGCTCTCATAAA
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>SEQUENCE:2263:prostate_MPM2000-004P4Novel007_8Table3
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TGCAGAATATGAACAATGCCATGTTCTTGCAGAAAACGCTTAGCCCGAGTTTCATAGGAG
GTAATCACCAGACAGCTGCAGAATGTAGAACACTGAGTAGGACAGCTGACCTGTCTCCTT
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>SEQUENCE:2264:prostate_MPM2000-004P4Novel007_8Table3
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GCCGAGGGAGACCAGGAAGATCTGCATGGTGGGAAGGACCTGATGATACAGAGGTCTGTA
GGCCATGGGAATGGGTTTGGGAATTTTATTCAAAGAGCTATGGGAAGTGAAGGTTT
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TTGCTGTGTTGATAGGACAGCAAAAGGGTAGGAGCAGGGACACCAGTTAAGTTATTGCAA
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>SEQUENCE:2265:prostate_MPM2000-004P4Novel007_8Table3
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AACAGTCGAATGGATTCAGGACTGGACATAAAATGATAAAAGGGACCAGAAAAAGAGAAC
CAAGTTTTTTGCACATAGCATTATTATCATTAGGGTGTAACATCATGATAAATTATTG
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GGTGGAGGGTGGCCCGGTCATCCACTTTCATATGATTTTCATGTATTTGGAAATAAAACT
CATGGATAGTGAAGTGGATCAGTGGTTACCCATAAATTCATTGCCAAGTGCAATG
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>SEQUENCE:2267:prostate_MPM2000-004P4Novel007_8Table3
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GATTTGGTGTGATAATTTTCTGATCTTTAACTATAAGTGACTTTTTATTCTCCACCAGAA
AAGATAAATGACTGAGAATGTAAGTCTGCGCTCTGATTAACACAATGGAGAAACGGAAAA
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>SEQUENCE:2268:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTCTATTTTTTTTTTTTAAATAGAGATGAGGTTTTGCTATGTTGCCCAGGCTGGTCTC
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>SEQUENCE:2269:prostate_MPM2000-004P4Novel007_8Table3

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GTAAGAACCCTTATGAAAGAGGTGCCACGCAACATTCCACTAGCTTGCTCTCCTGTCCGTA
TGCCATGAGAAAACATGAAGTTCCTCCTCTCTGGAGGATGCAGCCCTCACCAGACAACCA
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>SEQUENCE:2270:prostate_MPM2000-004P4Novel007_8Table3

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TGAGGACAGGACTAAGAAAGAGTGAGTGAAGGAAAAGGTGTGAAGGGAGCAGAAAAGTGG
AGGGGGGACTCGAGGTTTGGAGACTTGTCCATTAATTCTACAACAGACACCTGGGAGGA
CTGGGTGGTTCTGAAAAATTAGGTAAAGCAGAGTAGGTTGCCTGGTATTAATTTAAAAA
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>SEQUENCE:2271:prostate_MPM2000-004P4Novel007_8Table3

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CAGATTCTGAGGCTTTGCATGTCTTGGCATTCTTCAGGAGCTGAATGAAAAAATGCAAC
AAGCAGATGAAGACTCTGAGAGGGGTTNTGGAGTCTGGAAGCCTCATCCCTTCAGCATCA
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>SEQUENCE:2272:prostate_MPM2000-004P4Novel007_8Table3

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ATTTTTCATCGACTTCATTTAAGTAAAGCCAAAATGGCTCACATGAGGGAGATTTTAAGA
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>SEQUENCE:2273:prostate_MPM2000-004P4Novel007_8Table3

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ATCCATCAAACCAACCCATCTGCCAGATGAGTACGCGGGTCTATATTCCGTTCAATGTA
AGCTCTATGAGACCAAGAACCTGGGCAGTTTTATTACCATAAGTATTCCAAGCCCTAGT
GGTTCCTGGCACATTTTGTATTACAATAAATATTTGTTAAGTCAATGACCAGATGAATG
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>SEQUENCE:2274:prostate_MPM2000-004P4Novel007_8Table3

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AACATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTTGAAAAA
TAGCATATGCCTTGGAGGAAATGTGCTCAAATTAATAATGATTTAGTGTTGTCCATACTT
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TTTTTGAGATGGGGTCTCGCTCTGTCACCAGGCTGGAGTGCAGTGGCGCGATCTCGGCTC
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>SEQUENCE:2275:prostate_MPM2000-004P4Novel007_8Table3
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TTTTCTGTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTC
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CTGTATTGTGAGCTGTGCTATGAGAAATCTTTGCCCTGAATGTGGTCGATGCCAAAGG
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>SEQUENCE:2276:prostate_MPM2000-004P4Novel007_8Table3
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CCAATGATGATATGGTCTGAGTTCAATCACCAAACCTTCTTAGTTCCACTTCTTCATCAG
CCAAAGAAAAACACCGCAGTCAATCATCTCTAAGGTCCCTAAGAGGGTGGAGAATTCCAT
GTTCCACGTTATTCATGGGGGACTCACAAGATCTAACTAAAGAGGATGGTTCTCTCTCCC
TCATCCAATAGATGAAGAAGACACAGAAAAGCTTGGCAGGATGGGAAACTTCTACCCTGG
TGGTCATGTGTGTAGTTGATTTTACAACAGGAACTGAAACAGTGTGTCATGGACAATGTA
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>SEQUENCE:2277:prostate_MPM2000-004P4Novel007_8Table3
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AGGCTCACCCAAATTCAAAGCCATTACTTGATGCTGAGAGGGGAATATTTCTGGGAAGGT
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>SEQUENCE:2278:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2279:prostate_MPM2000-004P4Novel007_8Table3
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AGCTTCAGAATCACTGCTGTAGTATAAACTGTGATGGTTCTCAGCCTTCCCCACTGCTGG
CTTAGGTGTTTGCTTTCTTGGGTCTACTAAGTCAGTTAGTTCTTTATCTGTTTCTTTCC
AGTTTCCAAAATTTTTGTTGCAATCTTTTCTCTCCAGTTTTCTCATATGTGTGAATTT
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AACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCT
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>SEQUENCE:2280:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2281:prostate_MPM2000-004P4Novel007_8Table3

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CTAGTGAGCTGGAAGCCAAGGCCCATATTCTCAGGAATCTGCACTGTACCCAGGCGAA
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>SEQUENCE:2282:prostate_MPM2000-004P4Novel007_8Table3

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TTAGATCCTATAACTGCAGGGTGGCCGAATCAACTTACCAGCACCACCCAAAAAGGCCAT
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GCAGCCGGCAGAGTCACAACAGTCACCAGTCACTCAACAGTTTGGTGACAATCTCATCAA
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>SEQUENCE:2283:prostate_MPM2000-004P4Novel007_8Table3

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GGGCTCCTGTTCAATAGTGGTGTGGGGAGAGAGAGAGCAGTGATTATAGACCGAGAGAG
TAGGAGTTGAGGTGAGGTGAATGAGGTGCTGGGGGTGAGAATGTCGCCTTTCCCCCTGGG
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>SEQUENCE:2284:prostate_MPM2000-004P4Novel007_8Table3

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TAATTCAATTAGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGA
TGCTGCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGC
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GCATAAGGCAATGCTAATGGCTCAAGCAATGAGGGGGCTCACTCTAGGAGGACAAGTTAG
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>SEQUENCE:2285:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2287:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2321:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2328:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2334:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2338:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2339:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2340:prostate_MPM2000-004P4Novel007_8Table3

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GAGACTTAAATATTGAGACTAGCCAGATTAAGAGGTGTAGAGGGCAGGAAAGGGTGACGG
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CGGCTCCCCGACGATTGGTGAGTTGTCTGTGTATTGTCCGGNGTAACATATGGGTACGCA
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GGTTCCCATGGAAAATATGGTCACCCTATTCAGGGCAGTGGAAGAACACTGTCCTTGGTT
TCCTGAAAAGGGGAACGTTAGATGTGGAACATATGGGATCATGTTGGTGCAAAATTCGAGA
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>SEQUENCE:2352:prostate_MPM2000-004P4Novel007_8Table3
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ATTTTCTCATGATATAAAAAGATTCTGTAGTTGTATATACATTTGAACTTTTTGTAAAGAC
ATCTCCTACCCCCCTAAAATTGGAAGTCATTTATTAAGACTTTGTGTTCTGTAAAGAGGAT
TGGAATGAATAATTAAGAACATTAAAGAGGAAAGCAGGGGGTGGTGGGAAAGTGTGGTC
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>SEQUENCE:2353:prostate_MPM2000-004P4Novel007_8Table3
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CTATCTTAACATAACTTGAGAGATTAATTTAGAATTACAAATGTGTGTATATATATATA
TGAGCATATGTATACATAACATATTTACACACAAGGCACACATACTATGAGCACCCCTGCA
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>SEQUENCE:2354:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2355:prostate_MPM2000-004P4Novel007_8Table3
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ACCCCAAACAATGTTGGGAATAACAGAAGGGACAAGGGAACAAAGAAAAGGCCAGGAAGG
TAATAATTAACCACTTACTGAGTTCAAAGCCATCTTGCTGTTATCAACAGCATCGAGTAA
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TGGTTTGGGAGTTTTTCCATGACACTGGCTTGCCTTCGTTTAGGGAGAATTTTTGCCTG
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>SEQUENCE:2359:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2361:prostate_MPM2000-004P4Novel007_8Table3

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TGCTTTTTATAGGCTTTCCTTGGTCTCCTCCTATGTTCCCATCATTTTTCTTGCTTTGAATC
TGTAAGAATCGAGTTGAATCTTCTCCATTTTAAATTTTCCATAGGCTGAGAACTGTTTA
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>SEQUENCE:2363:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2365:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2366:prostate_MPM2000-004P4Novel007_8Table3
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ATTTTCTCCAAAGTCTGAACTACAGTTTGTGAGGTTTCATTGAAAATGATACTAAAACA
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CTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAA
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>SEQUENCE:2369:prostate_MPM2000-004P4Novel007_8Table3
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CTACTGCTCATTTAGGCTTTGATGCTCTCACCACAGAACAAGTAACAAAGGTGTGTATGA
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>SEQUENCE:2370:prostate_MPM2000-004P4Novel007_8Table3
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CAATGTTCACTTCATATTTTTGCTTTTTATAGGCTTTCTTGGTCTCCTCCTATGTTCCCA
TCATTTTCTTGCTTTGAATCTGTAAGAATCGAGTTGAATCTTCTCCATTTTAAATTTTCC
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>SEQUENCE:2371:prostate_MPM2000-004P4Novel007_8Table3

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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGG
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>SEQUENCE:2372:prostate_MPM2000-004P4Novel007_8Table3

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TCACTGCAGCACACCCCATTTTCATGAAGCCCCTCTGTATAAGACCCCTATTTTCCTCA
TCTCGTTTTAGCTGGATTTTTAATTTGTAGAACTACTGCCTGATCCTGAGTTAAATCCA
TTATTAAGCTTTGCTACATAGAGATTGTTATCGTTGTCATGGTCTTTGCTTAACTTGATG
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>SEQUENCE:2373:prostate_MPM2000-004P4Novel007_8Table3

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CTCATTTAGGCTTTGATGCTCTCACACGGAACAAGTAACAAAGGTGTGTATGAGAGCTT
GGGATAAATTACGCACCCCAAGGCAAGCTTCTGTTTCTTTTACTATTGTTAAACAGGGTC
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>SEQUENCE:2374:prostate_MPM2000-004P4Novel007_8Table3

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GGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCTCTAGGAATCTTTTGTGGGGGCT
TTCCAGGGAGTAAAAGACCATTTGGGTGGAACATAAATCTACTGCGGTGCTGCCTGCTG
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>SEQUENCE:2375:prostate_MPM2000-004P4Novel007_8Table3

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TCTCAGGGAAAGAATTAGAAATGGGGTGTGGACCATTTACAACCAATACAGAATTCC
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CTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGG
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CAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGG
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>SEQUENCE:2378:prostate_MPM2000-004P4Novel007_8Table3

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AACATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTTGAAAAA
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>SEQUENCE:2379:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2380:prostate_MPM2000-004P4Novel007_8Table3

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GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC
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>SEQUENCE:2382:prostate_MPM2000-004P4Novel007_8Table3

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GAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAA
TTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTC
TAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTTTCTGTGAGAGGACCATTCTTA
GTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACA

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ATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAG
AAATTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGTCATCAAT
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>SEQUENCE:2383:prostate_MPM2000-004P4Novel007_8Table3

TACGACTAACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTCTTC
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CAGGCCAGCCAGGCAGACTCAGTCATCAATTGGGCCACCATTAAAATCAGCTTTCCTGG
TTGAGGAGAACGCTAATTCTTTCTTTGGAAAGGACACAAGCAAGCAGTGG

>SEQUENCE:2384:prostate_MPM2000-004P4Novel007_8Table3

CCGGGCCCCCTCGAAATACTTCTAGNATTAATTAACGCGGGGGGGGAAGCCATCTGCC
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GAACAAACATTGAGAGCAGATGAGATACTCCCATCAGAATCCAAACAAAAGGACTATGAA
GAAAATTCTTGGGATACTGAGAGTCTCTGTGAGACTGTTTCACAGAAGGATGTGTGTTTA
CCCAAGGCTGCGCATCAAAAAGAAATAGATAAAATAAATGGAAAATTAGAAGGGTCTCCT
GTAAAGATGGTCTTCTGAAGGCTAACTGCGGAATGAAAGTTTCTATTCCAATAAGCC
TTAGAATTGATGGACATGCAAACTTTCAAAGCAGAGCCTCCCGAGAAGCCATCTGCCTTC
GAGCCTGCCATTGAAATGCAAAAGTCTGTTCCAAATAAAGCCTTGGAATTGAAGAATGAA
CAAACATTGAGAGCAGATGAGATACTCCCATCAGAAATCAAACAAAGGACTATGAAGAAA
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>SEQUENCE:2385:prostate_MPM2000-004P4Novel007_8Table3

TGGAGCTCCACCGCGGTGGCGGCCGAGGTACCATGCTGACTTCTTGGTATCTTTTAAGGC
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AGTTGGAACAGCTGAAAAGTATTATTGAAGGCAAAGCAGCCTCACGTCATTTTTT
ATCAGCTCATTGGAAGNNTTTTTTTTTTTTTTTTTTTTAAATTAATTAGAAAGTA
GGCTGGGCACGGTGGCTCATGCCTATAATCCAGCACTTGGGGAGGCCGAGGATCTCCTC
TCTGGTGGATCACTTGAGGGCAGGAGTTAAGAGACCATCCTGGCCAACATGATGAAACCC
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>SEQUENCE:2386:prostate_MPM2000-004P4Novel007_8Table3

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CTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAATTGAGCAA
GTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATT
TTATTCTCAAACCTTAGTTGGCCTCTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCACT
GGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTA
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>SEQUENCE:2387:prostate_MPM2000-004P4Novel007_8Table3

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AAACCCCTCTAACTAATCCCACTTCTCCTAATTATCTTTTCTCCTTACGAACCTAAAAA
TCTCACCATTCTATTAGCCTGAAAATAACATCCCTCTGTTCTTCTCCTCCTTCAGC
ACTGGATCTCACTTACAATAGGTTTTTATTAATAATTATCTTCTTACACTTTCTGTCTC
ACCAGTTTCCCCTTAACTGATTTACCTGCTACACAAAATTATTCTTATTGGGCTTATGT
GCCTTTTCTCCTCACTTATTGACCTCTCACCTGGATGGATGCTCCTGCAGAAATCTATAC
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>SEQUENCE:2388:prostate_MPM2000-004P4Novel007_8Table3

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AGAGGACATAACAGGCACAAAAGAAACAAGAGAGGTAAATAAAAAGAATTAATCTAATGGC
TTCACCCGGCTTAGGCGCAGTTTTTAAGGGGCCTGACCCAGGCTTCGGGACCCATGTTTCT
AGTTGGGCTCTGTTGGCCTTTTTGTTGTGGGAGTGATGAATCCAAGCAGGAATTCCATCC
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>SEQUENCE:2389:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT

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GATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGACAT
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AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
CTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACC
ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
CTATGAGAAATCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGT
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GCCCATTCGGAACAATGTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTA
TTATGCCC

>SEQUENCE:2390:prostate_MPM2000-004P4Novel007_8Table3

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TGTCATCTTGCTGTTTCTAGTGATGTTAATTATCTCCATTTAGCAGATGTGTGGCCTCA
GATGGTAAAGTCAGCAGCCTTTCTTATTTCTCACCTGGAAATACATACGACCATTGAGG
AGACAAATGGCAAGGTGTCAGCATACCCTGAAGTTGAGAGCTACACACAATATTA
TTGGTTTCCGAGCATCACAAACACCCTCTCTGTTTCTTCACTGGGCACAGAATTTAATA
CTTATTTAGTGGGCTGTTGGCAGGAACAAATGAAGCAATCTACATAAAGTCACTAGTGC
AGTGCCTGACACACACCATTTCTCTTGAAGTCCCCTCTAGAGATCCCACAGGTCATATGAC
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>SEQUENCE:2391:prostate_MPM2000-004P4Novel007_8Table3

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AGCATTTACAATTCCATACCTGGTGGTCAGAGGAGGCCCGCCTGCAGGCTCAGCTAAATC
GGGCTGATGGCATTCCAATTACTCAGGCTCAGCTCACAGGCTCCGATAATTACTCTGATA
CTACTGCTCATTTAGGCTTTGATGCTCTCACACAGAACAAAGTAACAAAGGTGTGTATGA
GAGCTTGGGATAAATTACGCACCCCAGGTCAAGCTTCTGTTTCTTTACTATTGTTAAAC
AGGGTCACAATGAATTATATCTTGATTTTTTAGCTTAATTACAAGAAGCTGTTGAAAAAT
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>SEQUENCE:2392:prostate_MPM2000-004P4Novel007_8Table3

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TTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTC
TAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACCATTCTTA
GTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACA
ATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAG
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>SEQUENCE:2393:prostate_MPM2000-004P4Novel007_8Table3

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AGCTCCAGACCTTGTCTGCAGAAAACATCTGCAGTGCAGCAAATCCATGTCCAGCCAGGC
AACCAGCTGCTGCCTGTGGCGTGTGTGGGCTGGATCCCTTGAAGGCTGAGTTTTTGAGGG
CAGAAAGCTAGCTATGGGTAGCCAGGTGTTACAAAGGTGCTGCTCCTTCTCCAACCCCTA
CTTGGTTTCCCTCACCCCAAGCCTCATGTTTCATACCAGCCAGTGGGTTGAGCAGAACGCA
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>SEQUENCE:2394:prostate_MPM2000-004P4Novel007_8Table3

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GCATGCAGTGCACCACCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGC
GGCTGAGGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGT
TGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAAGTCTGTATTGAACC
TCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGT

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TGGGTCTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGG
ATAGAGACTCTGTCCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACCTGC
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GGTTAGGCTCTGATGGCCCCAATGA

>SEQUENCE:2395:prostate_MPM2000-004P4Novel007_8Table3

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TATGAAAAACCAGGGAGATCTTAATTCACATGGCAAAGAGAATCCTTGCATAACAATATT
GAGAGGACACATATGTCAAATCATCTGACACATACATTAAAGCAGTTATTATAACAATG
CTCCTAGAATTACGGGATAGCATTATGAAGTGAATGGAAAGTTGGAAAGTCTCACCAAA
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>SEQUENCE:2396:prostate_MPM2000-004P4Novel007_8Table3

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GCTGTCAGCTTCCTGCAAACGGGCCAGGTTGCCTAAGGAATGTCATGAGAGAGCTGACAG
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CTCCAGCCCACTGAAGTGCTGATAATGGCTTGGATCAATTCAACAAACACATTTTCGTAT
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>SEQUENCE:2397:prostate_MPM2000-004P4Novel007_8Table3

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ATAAAAAAATACTCTCATTGCCAGAATTATGTTTTTGTAATATTTATAATTGAGGTAATA
ATGATAAAAGACTTAACTATGAATAATGTTGGTGAGTTCCATTTAAGCTATAACAATTT
CCCAGAACTAAACAAATATGTGACTAAACATAGGTCAATTTTGTATAATGAATACTAACA
ATTTCAACAATAATTGACAAGCTGATTACATCAGTAATTTATAAGAAAATTATACAATC
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>SEQUENCE:2398:prostate_MPM2000-004P4Novel007_8Table3

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ATGGCATTCCAATTACTCAGGCTCAGCTCACAGGCTCCGATAATTACTCTGATACTACTG
CTCATTTAGGCTTTGATGCTCTCACCACGGAACAAGTAACAAAGGTGTGTATGAGAGCTT
GGGATAAATTACGCACCCCAAGGCTTCTGTTTCTTTTACTATTGTTAAACAGGGTC
ACAATGAATTATATCTTGATTTTTTAGCTAAATTACAAGATGCTGTTGAAAAATCTGTCT
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>SEQUENCE:2399:prostate_MPM2000-004P4Novel007_8Table3

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ACCAGCAAGATGGAGAAACCTGTCCATCCATAGATGAAGGGATGAAGAACTGCAGTATA
TCTGCACAACACAATACTCTTCATCCATAATTAATGTAATTTTCAATTTGGAGCCATATGG
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>SEQUENCE:2400:prostate_MPM2000-004P4Novel007_8Table3

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TGAGATGACAGGTGTGAGCCACCGTGCTTGGCTGACATATGATTCTTTTGATTATGTTGC
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TGTGAAGTCATATACTGCATATCGTTACTTCATTGATCTCCTTGTCTCACTTTCCCACTT
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>SEQUENCE:2401:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2402:prostate_MPM2000-004P4Novel007_8Table3
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CATGAGTTCAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCAT
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>SEQUENCE:2403:prostate_MPM2000-004P4Novel007_8Table3
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AGCCCACTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAAATTGGAGCACCA
TTAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCA
GGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACGAG
GCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAAAAGTCTA
TTACAGATGACAATGCCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATGCAAATC
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ATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTATGCATAAGGCAATGCTA
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>SEQUENCE:2404:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2405:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2406:prostate_MPM2000-004P4Novel007_8Table3
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TCAATTACTTTTACTACCTAACATTGTTTTAAACAAAGGAGATAAGACATGGGGCCCTGG
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>SEQUENCE:2407:prostate_MPM2000-004P4Novel007_8Table3

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GCCCCCAGATAAGACCATCTAGTTGCAGAAAAATAAGCTCAGAGCTTCCACTGATTCTAC
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>SEQUENCE:2408:prostate_MPM2000-004P4Novel007_8Table3

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GTGCGTCCAGATCAGGATCATTGTAGCTATTTGCAAAAGTAGCAATATTCTGGCTGGGC
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>SEQUENCE:2409:prostate_MPM2000-004P4Novel007_8Table3

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CTATTTGCCTCAGGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAAT
TCAATTAGGCAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCT
GCTCAAAAGTCTATTACAGATGACAATGCCCCGAAAAGTTATTGTAGAATTAATGGCCTAT
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>SEQUENCE:2410:prostate_MPM2000-004P4Novel007_8Table3

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TGCTTTTTATAGGCTTTCTTGGTCTCCTCCTATGTTCCCATCATTTTCTTGCTTTGAATC
TGTAAGAATCGAGTTGAATCTTCTCCATTTTAAATTTTCCATAGGCTGAGAACTGTTTA
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>SEQUENCE:2411:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2412:prostate_MPM2000-004P4Novel007_8Table3

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GTTCTACACAGATTTCAAAATTGTGCTAAGAACCGTCCGTGTTCTCAGAAAGCCCAAGT
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GGGTTTCATTCCCTGTCCTCATTGGTCTGTCCTATGAATTGTACCTGCCCCGGGCGGC
>SEQUENCE:2413:prostate_MPM2000-004P4Novel007_8Table3
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CACGTTCCCTGACCAGGTGTCTTCTCACCCACTGGTTTCAAAAAGATGTTACTGGGTTA
TAGAAGGCTGGGATGGAAACAGGATACCAAGTTCGCATGAAGACAGTATCTGAAAAGAGA
GGTAATTTACTTTAACATTTTCAAAAGAAGATGCATATCCATATTGTGAAGAAACGAAGA
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>SEQUENCE:2414:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2415:prostate_MPM2000-004P4Novel007_8Table3
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AGCAGTGGGAGGTGGAAGGATAATAACAGTAGGTGAGGTTAGAGGGGACCAAATCATGT
ATTTTCCATCCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTT
AAAAAATACCAATGACTGGGTCCCAGCCTAGAGTGATTAAATCAGAATCTCTGGAGGTAG
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>SEQUENCE:2416:prostate_MPM2000-004P4Novel007_8Table3
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AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
CTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACC
ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
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GCCCATTCGGAACAATGTTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTA
TTATGCCC
>SEQUENCE:2417:prostate_MPM2000-004P4Novel007_8Table3
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AATATCTATCTGCTGGTTCCTCCTGTGCTCAACCCAATTGTCTATGGAGTGAAGACAAAG
GAGATTCGACAGCGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAG
GTGTCAGTGATCAAACCTTCTTTTCCATTCAGAGTCCTCTGATTCAGATTTTAATGTTAAC
ATTTTGGAAGACAGTATTCAGAAAAAAATTTCTTAATAAAAATACAACTCAGATCCTT
CAAATATGAACTGGTTGGGGAATCTCCATTTTTTCAATATTATTTTCTTCTTTGTTTTT
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>SEQUENCE:2418:prostate_MPM2000-004P4Novel007_8Table3
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CAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGACACTAACTGAATTCC
CCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGACTCCCTTCAAATTTAGACT
TGATCTCCCTAAAATAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCTCTAGG
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TGCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCT
GAAGTGGGGGTATTTTC

>SEQUENCE:2419:prostate_MPM2000-004P4Novel007_8Table3

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AGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGA
GGATACAGCGCCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGG
TATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAA
GGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTA

>SEQUENCE:2420:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTACTT
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CCAAGGATCTCCAGCTCTAACAAAATGGTTTATTTTTATTTAAATGTCAATAGTCGTTTT
TTAAAATCCAAATCAAGAGGTGCAGGCCACCAGTTAAATGCCGTCTATCAGGTTTTGTGC
CTTAAGAGACTACAGAGTCAAAGCTCATTTTTAAAGGAGTAGGACAAAGTTGTCACAGGT
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>SEQUENCE:2421:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTCTCTTTT
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ACAAATACAGACTTTTCAGGAGGTTGTTAAATTAATAGTCTTGCATGCCCTTCACCCAGTG
ATGACATTTTTTTTTTTGAGACGGGGGTCTTGCTCTTGTCACCCAGGCTTGAGTG

>SEQUENCE:2422:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATTGGATGTGAACTCTTTTAAAC
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GTAACCTTTGCTTCATTGAAAAAATAATTGCTTGTTCTCTGTGATGCACTTCGTCTTAG
TAACATGGCCATGGGGAAGACAACCACAGGCCAGATAGTCAATCTGCTGTCCAATGATGT
GAACAAGTTTGATCAGGTGACAGTGTTCTTACACTTCCTGTGGGCAGGACCACTGCAGGC
GATCGCAGTGACTGCCCTACTCTGGATGGAGATAGGAATATCGTGCCTTGCTGGGATGGC
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>SEQUENCE:2423:prostate_MPM2000-004P4Novel007_8Table3

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AGCTGGCAAGGCTGCGGAGGTTCAAACCTTACCTTGAACACCAGGGGGGACAAAGATGACA
GTAATCATGATCACTACAGCTAAGGAGAATCCCATAGGGAGACTTCTTTGGGACAGGGTT
TCTGCATTTTGCCCCCTGAGGAAAGGGGTATTGGGAAGAGCAACACAGCAGGCTCAGCTT
GCAGGGGAATGTGTGTGCTGCAGCACCCCAAGAACTCTTCAGGGACCAGGGAAATGGGAG
CCCCACGCTTTCTTTTACTTTTCTCTCCAGATAGTATAGGACCAGTCATGATTCCATA
GNTAATTTATAAGGAAA

>SEQUENCE:2424:prostate_MPM2000-004P4Novel007_8Table3

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TCTTGACCTCATGATCCGCCCGTCTTGGCCTCCCAAAGTGCTGGGATCACAGGCGTGAGC
CACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAATGAGAGGGCCAAA
ATTATTTAATTAAATCTTTACCTTAGCACAAAGGAAAAAATGGAATTTGCCTAATATAG
GTGATGAAGCATACACAATGAATAGAAACAATCACATTTTAGTAAAAGGCAAAAATTTGA
GACTTATAAGCTATATGGTAGCTTATTTTTGGGTGGGGAAGAAATGAGAAAAGAATATAA
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>SEQUENCE:2425:prostate_MPM2000-004P4Novel007_8Table3

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CTTCTGAGCTTGAAGATCCGCATCTCTCCAGATGCCTTTTTCCAGATTAACACAGCTGGT
GCAGAGATGCTGTATCGGACTGTGGGGGAGCTGACTGGAGTGAACCTCTGACACCATCCTT
CTTGACATCTGCTGTGGAAGTGGTGTGATTGGCCTCTCTCTGGCTCAGCATACATCTCGG
GTCCTTGGGATTGAATTGTTGGAGCAGGCAGTGGAGGATGCAAGATGGACTGCAGCCTTC

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AATGGCATCACCAACTCTGAATTTCTACTGGTCAAGCAGAGAAGAT

>SEQUENCE:2426:prostate_MPM2000-004P4Novel007_8Table3

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CAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGA
AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
CTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACC
ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
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CATCAATGCGTTGAAACAACTTGGCATGTTTCTGTGTTTGTGTGTGTAGCCTGTGGAAA
GCCCATTCGGAACAATGTTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTA
TTATGCCC

>SEQUENCE:2427:prostate_MPM2000-004P4Novel007_8Table3

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GAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCT
AACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACCAT
TCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAA
ATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCT
ATGAGAAATCTTTGCCCTGAATGTGGGTCGATGCCAAAGGAAGATCCTT

>SEQUENCE:2428:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGAAAAAATCAGGCTACTAA
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TAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCAG
GGCCTGGGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACAAGG
CTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAAAGTCTAT
TACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATGCAAATCC
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>SEQUENCE:2429:prostate_MPM2000-004P4Novel007_8Table3

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AGGTGGAAGGATAATAAACAGTAGGTGAGGTTAGAGGGGACCAAATCATGTATTTTCCAT
CCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTTAAAAAATA
CCAATGACTGGGTCCCAGCCTAGAGTGATTAAATCAGAATCTCTGGAGGTAGACTTGAGA
ATCTGATGTTTGCAAGTTTCTAGGCAAGTCAAGGCTGAGGAAGACTGCTGCAGGCCATT
GTAAGAGCCAGGCGTTGATCTCATTCAACCTTTCCCTCAGCTCTTCTAGAGACAGCCAGC
ATTCTCTTATGGCACAAATACAGCC

>SEQUENCE:2430:prostate_MPM2000-004P4Novel007_8Table3

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CTCAATTCAAGTAAGTAAGCAAACATTTAAATATTTTTTCAGGCATAAATGTTAGCGTTCT
TATCCTGTAATATGCGAAGTAAATAAATTTATATACTTACTGCCTTTGTTACAATGCATG
CAAACACGTGGTAAGGTGTTACATCCTTAGGAAGAGATCTGATTCTCAAGAACAGCAGAA
AATAGGAAGCAGAGAATGAGTTAGGATGAAATTCAAATGGGAGAAAGAAATGAAGAAGCC
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>SEQUENCE:2431:prostate_MPM2000-004P4Novel007_8Table3

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AAAATGCTCAATCTTACTTATAATTTAAGAACTACAATTCAGCCAGGCGCGGTGGCTCAT
GCCTGTAATTCCCAGCTACTTTGGGAGGCTGAGGCACGAGAATTGCTTGAACCCAAGAGG
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TAGCAAAGAACTTGGTCTTCTAAAAACAA

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>SEQUENCE:2432:prostate_MPM2000-004P4Novel007_8Table3

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TGGTTTACCCCAAGGGTTCAGGGATAGCCCCATCTATTTGGCCAGGCATTAGCCCAAGA
CTTGAGCCAGTTCTCATACCTGGACCCTCTTGTCCTTTGGTACGCGGGGCCTCTCCTCTG
GCCGCCGCGCGGGAGAGAGGCCGAGATGGCAGATGAGATTGCCAAGGGCTCAGGTCGCT
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CGGCCCTGGTG

>SEQUENCE:2433:prostate_MPM2000-004P4Novel007_8Table3

TACCGAGCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGGCTTAGCGCGGT
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GGGAATTGTCGAAATGAGTTAGTACAACTGAGTTCGTGTGGAACCCTGGAAAGAAAACAA
TAGCCCCATGCAACACGTTCCGGGCTGATGCGTACATGTTTATGTCTAGTCACTGTGCGA
AGCACATAAAAACACCTGAGGTGAGTGTGCTGAAGGGCGAATTTTGTCTTTTGGGGAGC
CCATGATCTAAACATCTATAACCAAAATGTCAAATCATAACGTCAGCTTAGGCTCTAGTT
CTCTTTGATGAAAGATTTAAAGCAATAGACTATAATAGTTACCCGGCAGACTAAAAATC
TGCCTTTAATTCTTTTGATTGGAATTTTTTTTTACAAAGTCTGGAGCATGGAAACAAATG
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>SEQUENCE:2434:prostate_MPM2000-004P4Novel007_8Table3

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TCCCGAGTGTTACTTGCTCAAATGCGAGACGTCTCATTTAGGAGAATACAATATTAAAGG
TTTAGTGCAATTAAGGAAAGCTGGAAACTCAAGGGCAGAGCAAGTTCTGAAGAGTATGC
GGAAGTCGTGGCTGCAGCCAAGGGTAACTTTCCACTGCCGGGTGACAAGGTCACAGGAGA
GAAGTTTTAACTTGACTCCAGGAAAGCAGTCTACACGGTTGTTCTCTCTGGAAATGGC
TTCCTCTGTGTCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGG
GCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTAC
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>SEQUENCE:2435:prostate_MPM2000-004P4Novel007_8Table3

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GAGCTGGAGAAAGCCTTGAACCTCTATCATCGACGTCTACCACAAGTACACCTTTCACAGC
AGTCTTAAAGTTGCAGCAGAAGAATTTAAAGTTCCTGCTGCAACAAGTGCAATTATTACC
AATGATGGAATAGGAATAAATCCTGCACAGACTGCTGGAAATGTTTTTCTAAACATGGT
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>SEQUENCE:2436:prostate_MPM2000-004P4Novel007_8Table3

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ATGAATATAATGAGTAGGGAAAGGATTCTTTGTAATAGTGATACCTCTGTGGTAAGAGAA
GGGTGGTATGTGAGTTTTAGTCTACAGATTATGGCAAATTCAGTGACAACAATCAAATGG
TCTAAGATTGACAGTAGCACAGTTTTACTCTGTGAAGGTAATGTTTCAAGACAAATTTCAA
GAAAAC TAGAAAACCATTTCTTTACAGCTGAAATCTTTCCCTAACCATTTGTTATTTCCACT
TTTAAGTCCTCAAGAGATGAGAAAAGGGAGGTAAGGCTTCCTTATACATTTCTGACAA
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>SEQUENCE:2437:prostate_MPM2000-004P4Novel007_8Table3

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GGAACTTTTGAAAAATTACATCATATTATCAGTTACATTTAATAATTAATTTCTGACATT
AATTTGATTCCTCAAAAGTGTTGATGATCCTCTCTTATTGAGTATGTAGTTGATGCCCAT
CATTTTCAATATCAGTTCATTGTAAAAGTTAAAATAGCATGAGTCTTTAGTGCTATCTTT
ACCAGTTGTGAAATTAGTAGTATTTAATAACACTAAAAATTCTCCATCTTCATTGTCTTC
AGTGATTTTTAGATTTTTGGTTATTGACTGATAATTCAATGAGATCTTTTGTTAAAACT

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AAATTGTTACTTTCTGT

>SEQUENCE:2438:prostate_MPM2000-004P4Novel007_8Table3

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ATCTTGGAAGTTTGGCTTAGTCTTTGATTACACCAAGGATACAGGGCTTTGAAGACCTGG
AGAACTAGTGAGTATTCATTTCAAAGCAAGTCTTAAGACTGGTTCAGAACCACAAGCA
TGTTTTTTTGGGAAAAGTGGGAGGATTATTGAACCCAATTGAATCACCTTTTTAACTGAA
GCAAAGTGAATGAATATAGCAAACCCATCAGTTATATCACTATATTCTTTTTAACTAA
TCTACCATTTCTTGCTCACCTATCAGTTCATCCATGTTGTATGTATGAGACAGTATGAC
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>SEQUENCE:2439:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACATTAT
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TTGTAAAACAGTCTTTGTTTTACTCAGAAATATTTTATTGAGTCCTGCTAAATACATGC
TAGTCATTAGGGTTTAAAAGAATTAATAAAGCCTGTCAGAGATGGCTTTTCTAGAAC
ACATGCCCAAGCAGAGACTTAAATATTGAGACTAGCCAGATTAAAAGGGGTAGAGGGCAG
GAAAGGGTGACGGCATGCCACGCAGCAGCAAGAGCGGGAGCGAGGCCTGAAAGAGTGAA
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>SEQUENCE:2440:prostate_MPM2000-004P4Novel007_8Table3

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AGAGACTGCAGCTTGACTGTAGTGGTGGTTACCAGGAGCTCTGCCACTGCATGTCCACTA
GTGACGGGTTCGCTCCACCACCCAGCTGGGTAGCCGCTGCTCTCACATAAGGGGTCCAA
TTAAAATTGCCAGGAATAAATTCCCCCGGACTTTGACTTCTCAAGAGCTAAGAAGGTTTG
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TTCCCCCTCTTGCTGAAGATGTGCTCCATACAATAGTCCATCACATTCAT

>SEQUENCE:2441:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGTGCCCTCTAGATGCTTGCTCCAGCTAGATGCATGCTCGAGC
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TACGCGGGGTGACACACACACACACAGCACCTGCACGCAGATGCACACATCTCTAGTC
AAATGAGGGGCTCTCAGCTTTTTGATAGNGGGCTTTTTGATACGTGTATAACCAATACTT
TATTCTCACTGTAGTCAAGGACTCATTGCAATTCAGAAATGAGAAGCTGATCCGGAAGCTC
CACTACAGCTCANAGAAATTCTCGAATGTTCTCACCTATTAACAGTTATTAATAATGGAAG
AAGCTGGGGATGAAATTGTGAGCAATGCCATCTCCTACGCTCTATACAAAGCCTTCAGCA
CCAGTGAGCAAGACAAGGATAACTGGAATGGGCAGCTGAAGCTTCTGCTGGAGTGGAACC
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>SEQUENCE:2442:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAAAGT
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AGCAGTGGGAGGTGGAAGGATAATAAACAGTAGGTGAGGTAGAGGGGACCAATCATGT
ATTTCCATCCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTT
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ACTTGAGAATCTGATGTTTGCAAGTTTCCTAGGCAAGTCAAGGCTGAGGAAGACTGCTGC
AGGCCATTGTAAGAGCCAGGCGTTGATCTCATTCAACCTTCCCTCAGCTCTTCTAGAGA
CAGCCAGCATTCTCTTATGGCACAAT

>SEQUENCE:2443:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGGGCAAAGCTT
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GAAGGATTCTCATTAAGCAAAGTGGGAATTTCAACCTTCAAGACATTGAAAAAGATGTT
GTGATCTGGGAACATACTGACAGTGCTGCAGGGGACACAGGCATAACAAAAGAAGAGGCA
CCAAGAGAAACGCCGATTAAAAGGGGACAGGTGGTATCATCCCTACTCTGCAGATAATGA

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TAGCGCCCATTTTTTGAACACTGTGTGCCAGGCACTGTGCTAAGCACTTTACAGACACTA
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>SEQUENCE:2444:prostate_MPM2000-004P4Novel007_8Table3
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TCCTTTTACGCCCAATTCAAATGCCAGTTCTACCCTGAAAGCTTTCTGGGTCTGCCAAAT
AAGCACTAACTACTTGTCTCTCTCTGTTTCTGTAATGGCCATCACATGAGAACGACAAGT
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>SEQUENCE:2445:prostate_MPM2000-004P4Novel007_8Table3
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TTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGAA
TCTTTTGTGGGGGCTTTCCAGGGAGTAAAAAGACCATTTGGGTGGAACATAAATCTACTG
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>SEQUENCE:2446:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2447:prostate_MPM2000-004P4Novel007_8Table3
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GCCCCCAGATAAGACCATCTAGTTGCAGAAAAATAAGCTCAGAGCTTCCACTGATTCTAC
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GCTTCATGGACAAGGCTTGGCTCTGTTGAGTCCAACCTACCTGAGATTCTGAGATT
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>SEQUENCE:2448:prostate_MPM2000-004P4Novel007_8Table3
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TGATGCAATAGGGATGTTGCTGAGCAAGTAATTATAGTGAGTTATTTTGTCAATATATGG
GCTTTTGGGAGTAACAATAATTCAGATGTTCTCCCACTAGCAAAGCCTTATGGTTATC
AGTCCAATCAATATAAAGGTAAGTTTGGCTGAGAGATGAGTATGCTATTGCTCGGTAACC
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>SEQUENCE:2449:prostate_MPM2000-004P4Novel007_8Table3
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GAGTCTTCCTCTAGACTAACCTATGGTCTGAGGGAAAAAAATTTCTTTCTTTCCATTAA
AAGCTATGGCTGCTGGCAGCCATTTTGTCTGTCCCTTAAGAAGAGGCCATCTGTTGAACA
GAGACCACTGGATTCAAAGATGGAGAGACATTATCTGAGCTCCAGATCCAGCTCAGCCT
AAGCCCTAACCAAGACTTGCCAATTATTACACACATTAAGTTGGTTTTTTTTGCTTAAGGT
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AACA

>SEQUENCE:2450:prostate_MPM2000-004P4Novel007_8Table3

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CTGTGTTCAACTTTCTGATGACTTTCACAAGCTCTGCATTTTATCTCCCAGCTCTGTTGT
AAGGTATTGTCAGTGCCTTGCAGAAAAGAATCAAATTCCTTCCAAGTGACATAGACAGCA
AGTTTTGGAGAGCTAAGGACAAACAGGGCCGCGAGCTCAGCTCAGTTGGCTTGCTTCTCCC
ACACCAGCATTCCCTGCGCAGCCCAAGTTCTCAGATACTTCTGAGATCTTAGTCAACAAA
GCAAAAAAAAAAAAAAAAAAAAAAGCCCCCGGGCCCTTTTAAACTAGGGGACCCCCCGG
GCCGGGGGAATTTAATTTAACTTTTTTAAACCCCCCCCCCGGGGGGGGGGCCCGGCC
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>SEQUENCE:2451:prostate_MPM2000-004P4Novel007_8Table3

GTATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTAC
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GGGGATCCAGAATTCAGCCCAAGTCTGTTGGGCTCTAAAGCCTTTGCACAGTCTTAGCT
GTTATGTTGTATTATATTGCCTCCTAGGTTATGTATGTAGAATTTTTGGTCACATTTAAA
TATCCCCTTCGATTCATAGTGTTAAGAAATATACTTAAGCAGCTACGTATTTACTAGGG
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>SEQUENCE:2452:prostate_MPM2000-004P4Novel007_8Table3

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CAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGA
AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
CTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACC
ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
CTATGAGAAATTCTTTGCCCTGAATGTGGTTCGATGCCAAAGGAAGATCCTTGGAGAAGT
CATCAATGCGTTGAAACAAACTTGGCATGTTTCCTGTTTTGTGTGTGTAGCCTGTGGAAA
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ACATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTTGAAAAAT
AGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAGTGTTGTCCCTACTTT
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TTTTTGAGATGGGGTCTCGCTCTGTCAACAGGCTGGAGTGCGGTGGCGCGATCTCGGCTC
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GTCTACTACGGTGCAGCTTCTGCCAAAGCCACTCAATACTAACCTCTTACATAGCAACTC
TACTTACATGACTAAAATGTATATCATACTTTACATAGCCAAAAAGATAAAGAACCACCT
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>SEQUENCE:2455:prostate_MPM2000-004P4Novel007_8Table3

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GCATGCAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGC
GGCTGAGGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGT
TGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACC
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TGGGTCTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGG
ATAGAGACTCTGTCCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACCTGC
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>SEQUENCE:2456:prostate_MPM2000-004P4Novel007_8Table3

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AGCCTATGCAGATGTTCTGTGGTCTTAAACATGTTGTATTGAGTTCAGCATGGCTGGCGA
GGTCTCAGGAACTTACAATCATGGAGGAAGGGGAAGCGAACACGTCCTTCTTCATATGG
CGGCAGCAAGAAGCAGTTCTTATTAATGCCACCTCTTTGCCTTGGCCATGCTTCCTCCC
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TGCCCCAAGGAAATTCCTAAAGAATCAAAAAGCCCAGAAGTCTTAGTCTGCGGAGAATGT
GTGGCTGATACTGCAGTGTAGTACCTGCCCGGGCGGCCGAGGTACGCGGGGACATCAATG
CAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAA
AATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAAC
TCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTCTTCTGTGAGAGGACCATTCT
TAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATA
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>SEQUENCE:2458:prostate_MPM2000-004P4Novel007_8Table3

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AGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCC
AGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTTCTGTGAGAGG
ACCATTTCTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTG
CAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCT
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>SEQUENCE:2459:prostate_MPM2000-004P4Novel007_8Table3

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ATTGGCAGAACATATACTCAAATTATTTTCTAAGTATGGGTGATATATTTGTTTTAATT
CATTTTACTTTTGTCCCTAAGATCCAACAATCTATAATGTGAAGAGAGTTAACTGGGTTT
AAAAGTATAATCTGTTCAACAGGGTGGAGTCTTAGTCCACAGAAAAGTAAATTATATAAA
CTCAATTCCTTCATTTTAAAGTTGGGTATAACACCAACTACTCGACACCTCATAGCATT
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TGATGTAGTAGC

>SEQUENCE:2460:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTTCAATC
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TCCAAAGTAACAAAAGAAGTCTGCAGAGAAGCTAGTTCCACCAGTAGTTCCACTGCTTTG
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ATAACTGTCAGTTCCTTCATGGTAATGTTCAAATACTGGCAAAGTAACACCTGCTACATT
ATCTTTCTTCGCTCGAATCTTCACTTGCGCTTTATTGACATTTTGGATAACTGTAGTGC
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CACTTCGCCCA

>SEQUENCE:2461:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCA
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TTGTAAAATTACCAGGAACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAAT
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GGGTTGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTG
AACCTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAG
CGGTTGGGTCTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGC
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>SEQUENCE:2462:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2463:prostate_MPM2000-004P4Novel007_8Table3

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AAACACTTGTCAATGAAGGTTTGTGAACCTAATCTCGCCTGTATAGACTGGGCTAATTCTG
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GGTTATTCTAAGACCACTGCAACTTTTTTCTCTCACAAAAAGGAGTTGCCCTAAAGAAGT
TTCATTTGCTTTGATCTTTTTTTTCTCCCTCCTCTAAAGGAAAAAAGGTATGTGTGTGT
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TCTTCGCACAATGAGGTCTTTGGTCCCTGGGAGATATTTTATATCATATTCCCGAATTTG
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>SEQUENCE:2464:prostate_MPM2000-004P4Novel007_8Table3

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ACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAACT
CTTGAAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTACAAGT
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>SEQUENCE:2465:prostate_MPM2000-004P4Novel007_8Table3

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GATTTTCAGCCCTATATGAACAGGCCTAACATGTTTCTAACTCTGTAAGTGCTTACTATA
CTGCTATACTTCTGCTATGACTAGACAAGACCATTGCAGAACACAGGAACCGATCATTCT
ATAGAAACCAAGCATCTAGTGTGCTATGCTGTGTCTGGGCCACCTCAGGAAAGCTCTAAG
CATAGGCAGCATGAGGCATTCCAGAGATGACATGTGAGCAGCAGTGAAGGAGAGAGGCTT
CCGTGTGAAGGTGGCCTGAGCCAACCTAGATTCTTCAGTCTGAAAAGACACATAGAGAAT
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>SEQUENCE:2466:prostate_MPM2000-004P4Novel007_8Table3

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CCCCGGAACGTCATCCTGGGAGCTTGAGATTTTATTCTACATTTCTCTTGTCTTAACTA
TTTAGGGTGATGGATCTCTGCAGTAAGTGGAAGAGTTCTTCATGGCCCCCAAGGTTATAT
CCATCTAGAACTTCAGCACGTAATTTTCTCTGGAAATAGTGCCTTTGCGGATATAAGTTA
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>SEQUENCE:2467:prostate_MPM2000-004P4Novel007_8Table3

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CCTTATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTTTCT
GTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGC
GCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTAT
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>SEQUENCE:2468:prostate_MPM2000-004P4Novel007_8Table3

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AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
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ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
CTATGAGAAATTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGT
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TTATGCCC

>SEQUENCE:2469:prostate_MPM2000-004P4Novel007_8Table3

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GCAATTCTATCACCTGGATTGGCACTCCGGGGAAACAGTGGAGCTGATCACTAACTGAATT
CCCCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGACTCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGA
ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAAGACCATTGTTGGGTGGAACATAAATCTACT
GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
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>SEQUENCE:2470:prostate_MPM2000-004P4Novel007_8Table3

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GGCTCTGTTGAGTCCAACCTAACCTGAGATTCTGAGATTTCTCTTCAATGGCTTCCT
GTGAGCTAGAGTTTGAAAATATCTTAAATCTTGAGCTAGAGATGGAAGTAGCTTGGACG
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GCCTCACAGTATAGATCTGGTAGCAAAGAAGAAGAAACAACACTGATCTCTTTCTGCCA
CCCCTCTGACCCTTTGGAACCTCTGACCCTAAAAGACCAACAACGGCCTCAAAGGATC
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>SEQUENCE:2471:prostate_MPM2000-004P4Novel007_8Table3

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CAACATTAAAAAAGCTACAGGGATTGGGTAAAGACAGGCCAACACATTTATCAGGTTTAT
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CAAGGTAATCAAATAGTAAGCAGCAGCAGAACCACATGCCAAGACACTAAGTGCTTCACT
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>SEQUENCE:2472:prostate_MPM2000-004P4Novel007_8Table3

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ACAAAGAAGACACCATACCTTATGCGTTATTGGGTGGAATAATCATTCCATTGAGTATTA
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TGTAATCTTTTAAATGCTTAAATGTGTAATCCTCCAAAAACAATGTATGCTTTTAAACCT
TTAATTGATGCTTTATTTGATCAAGAGAATCTCAGCTATTTTAAAGTGGAGTCAAAAAATA
ACAATGTGTAATTGTAAGAGCCAGGCATGGTGACATGCCTGTAGTCCCAGCTACTCGAGA
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ATCTGTGAATAGCCATTATACTCCAGCCCAGACAACACTGCAACATCCCATCTTAAAAAA
AACAGAAAAAAACACGAAAAGAACCTTGCTGGCTATGTATAGATTTTATGCTAATCTT
TTCCATGTCACCGTGATTGTTAGAGCTCTAATTTTATTGTTTTAATAATCTTGTGATCAA
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>SEQUENCE:2473:prostate_MPM2000-004P4Novel007_8Table3

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTGGTGGAAGTGAAGAAATGGCATAA
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ATGGCCCAATTTATCCTCATTGTGCTCAACAAATTGAAGTGTAAACAAAGGAATCTCT
GGTCCTGGGTAAATGGCTGAGCACCCTGAGCATTTCATTCCAGTTGGCTTCTTGGGTTT
GCTAGCTGCATCACTAGTCATCTTAAATAAATGAAGTTTTAACATTTCTCCAGTGATTTT
TTTATCTCACCTTTGAAGATACTATGTTATGTGATTAAATAAACAACTTGAGAAGAACAG
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CACAGGAAATGCTTTAAAATATTCAGAAAATAATTAATGGCAATGGA

>SEQUENCE:2474:prostate_MPM2000-004P4Novel007_8Table3

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GTGTGAGAACAGATTAATACTCCTCCTCAGAAAGCATTCAATTTAGCTGTGTCTAAAG
TATGCCAGGTGTTCTAGGGTGTATCTTAGCCAATAATTCTTCTCTCAGCAAGATCTA
TTTGCCTATGACAGCTTGACCTACATTTCTACCATACTTGTCAGTAACAAGTAGCCCAT
AACATCTGAATGGACTTCATTGAAATCACAGAGGGTCTTTAGTTCTCTACTTTATTAGCA
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>SEQUENCE:2475:prostate_MPM2000-004P4Novel007_8Table3

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AGCAGGAGTTGATGTAATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTAT
GCATAAGGCAATGCTAATGGCTCAAGCAATGAGGGGGCTCACTCTAGGAGGACAAGTTAG
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>SEQUENCE:2476:prostate_MPM2000-004P4Novel007_8Table3

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GTGCAACTATGTTTCCAAATTTACTTGATTTTCAAGACTTACACTAGAAGTGTGAGAACA
GGGTAATTAAATAAACATATTGTATTAAATATCAACCTTTGGTCAAACCTTTGGGTACG
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>SEQUENCE:2477:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGCAATTTCTCCAG
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AATTATCTCCATTTGAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTAT
TTCTCACCTCTGTATCATCAGGTCCTTCCCACCATGCAGAATCTTCTGGGCTTCCTTCGC
TGGAGCCCACACAAAATCTCCCTTCTGTTTTTCTCCCCGCGTCCCTGCCCGGCCGGCCCC
TTCTAAACCTAGGGGGATCCCCCGGGCTTGCAGGAATTGATATCAAGCTTATCGATACC

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GTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAA

>SEQUENCE:2478:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTGCAAAGCATTCTAT
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CTCTGCCAACCATTTGGATGTTAGAGGATTCTGCCACCTAGCTTATTTTATTTGTATTTAA
GTGAATATACCAAACATTTATATGAGCAAACCAAGTTTTACATAACATGCTTTTGGTATG
TATTATGACTTTTACATTTCTACTTGGATTTCTCTTCAGATCTCAGTTTCCACAAATC
TGCATCCAGGTTTCAAGGCCTCTGATTCTGCACAAATCATATGAGCCAAGTGGATTGATTA
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>SEQUENCE:2479:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCGACTC
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AAACCCCTCTAACTAATCCCACTTCTCCTAATTATCTTTTCTCCTTACGAACCTAAAAA
TCTCACCATTCTATTAGCCTGAAAATAACATCCCTCTGTTCTTCTCTTCTCCTTCTCAGC
ACTGGATCTCACTTACAATAGGTTTTATTTAATAATTATCTTCTTACACTTTCTGTCTC
ACCAGTTTCCCCTTAAACTGATTTACCTGCTACACAAAATTATTCTTATTGGGCTTATGT
GCCTTTCTCCTCACTTATTCGACCTCTCACCTGGATGGATGCTCCTGCAGAAATCTATAC
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>SEQUENCE:2480:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTA
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TGGGGGTTTTTCATGTGTATAGGGTGCCTGCAGCTACACTAAACATCTTAAAGCTACCACA
ATGTTCACTTCATATTTTGTCTTTTATAGGCTTTCTTGGTCTCCTCCTATGTTCCCATC
ATTTTCTTGCTTTGAATCTGTAAGAATCGAGTTGAATCTTCTCCATTTTAAATTTTCCAT
AGGCTGAGAACTGTTTAGCCAAGTTTGGATAAAATTGTATCCAAAGTAAGAGTATACAA
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>SEQUENCE:2481:prostate_MPM2000-004P4Novel007_8Table3

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CTACATCTTAGCCAGAAACAGAAATCTCTTTCCTTTGGTATGGCTCCACCTATATGATAT
CAAGATAATTTAATAGTATGTAGCCACAGTGCAGTGGGAAAATTAATTGGCTTTTACCAG
CTTTCTGCTGATAATGCCTTAACTTGAAGAAGTTAAATAATTTTGGAAAAGTCAGATATT
GGGAACAATCAAATTTTGAATATACACATCCAATATAATCAGATAAGTAGTAAATAGTTA
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>SEQUENCE:2482:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGGTGTGCTG
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TAAAGTGTGAGCAATTGATGTGTGGAGAGAAGTATGACTGCATTACAGCTTAAAGAGCTT
TCACATTCAGGTCTCTACAGGAGAAGACGAGATCGCCCCGATAGTTTGAGAGTAAATGGG
TTACCAGAGGAAGAGCTAAGCAACATGGCCAACGCCCTGGCCAGCGCCACTTGCGAGCGC
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>SEQUENCE:2483:prostate_MPM2000-004P4Novel007_8Table3

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CTATTCCTGTATGTAATTGTTCAATTTTACGACCTGGAACCTCATCTATCGGGTCTGGAA
GGAATACAGCAGTTTCAAGGCCGCGTCCATTTCTCTCCTTCAGTAGTGCAGAAATGAGTC
CGATTCACCAGTACACACAGAACTGTACCAGTTCAACCTAGCAAAAGAAGAAAAGTTTCC
ACTGTACTTAAATTTACAGCTGACTCAAATTGCCTCACAGAATTATTTGATGTAGAAGG
CTAGTTGTCTTACTTCAGATCAGCAGGACAGTTGGGCTCTCAGACTCATGACCACTGAGT
TTGCTTGTGTTGAAACTGTGGTTTCATCCAACATATGCTATTGGACATGATTATTATTCC
ATTCAAATGGATTACAGACTTCTTGAGGACAGGACANACTTATCTCTCATGGTGTTTTTT
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C

>SEQUENCE:2484:prostate_MPM2000-004P4Novel007_8Table3

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ATTGAAACCAAGTTGAAAAATAGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATG
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TGTCACATACAACTTTTTTTTTTTTTTTTGAGATGGGGTCTCGCTCTGTCAACCAGGCTGG
AGTGCAGTGGCGCGATCTCGGCTCACTGCAACCTCCACATCCCATGTTGAAGTAATTCTT
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>SEQUENCE:2485:prostate_MPM2000-004P4Novel007_8Table3

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TTTCTATTAGCCTGAAAATAACATCCCTCTGTTCTTCTCTCCTCCTTCAGCACTGGATC
TCACTTACAATAGGTTTTATTTAATAATTATCTTCTTACACTTTCTGTCTCACCAGTTT
CCCCTTAACTGATTTACCTGCTACACAAAATTATTCTTATTGGGCTTATGTGCCTTTTC
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>SEQUENCE:2486:prostate_MPM2000-004P4Novel007_8Table3

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ATGAATATAATGAGTAGGGAAAGGATTCTTTGTAATAGTGATACCTCTGTGGTAAGAGAA
GGGTGGTATGTGAGTTTTAGTCTACAGATTATGGCAAATTCAGTGACAACAATCAAATGG
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TTTAAGTCCTCAAGAGATGAGAAAAGGGAGGTAAGGCTTCCTTATACATTTCTGCACAA
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>SEQUENCE:2487:prostate_MPM2000-004P4Novel007_8Table3

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CATGCAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCG
GCTGAGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTG
CTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTC
TGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTG
GGTCTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGGAT
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CGGGCTGGGCGTGGTGGCTCATGCCTGTAATCCCAGCACTTTATCACTTGAGGTCAGCAG
TTTGAGACCAACCTGGCCAACATGGTGAAACTCCCTCTCTACTAAAAATACAAAAATTAG
CCGGGTGTGGTGGCAGGCGCCTATAGTCCCAGCTACTCAGGAGGCTGAGGCAGGAGGATC
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>SEQUENCE:2489:prostate_MPM2000-004P4Novel007_8Table3

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CTATTTGCCTCAGGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAAT
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GCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTAT

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GAAAATGCAAATCCAGAATGTCAGTCGGCCATAAAGCCATTAAAAGGAAAAGTTCCAGCA
GGAGTTGATGTAATTACAGAATATGTGT

>SEQUENCE:2490:prostate_MPM2000-004P4Novel007_8Table3

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GGGAGGGAGGAGAGAGGGGACTGTAATTTGAACACAGTTTGTCTCCAGAGTTTGTGCTTT
TAGCCACTGAGTAGTTGTTAACTTTAGTGTGCATCAGAATTACTTGGAAGCCTTGTTCA
AACATTGCTGGGCTCCCCCGCAATTTCTGATTGAGTCCCTAGGATGGGGACTGAGAA
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>SEQUENCE:2491:prostate_MPM2000-004P4Novel007_8Table3

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CATGTGGGAACCCGATTCCCTTTGGTAGGTGCGGAGAAATGTTTCATCGGTCCAGTCCACA
GAAATGCTTGTTTGGCTCCCCGACGATTGGTGAGTTGTCTGTGTATTGTCCGGGGTAACT
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TGGGGGAGTTCGGGTTCCCATGGAAAATATGGTCACCCTATTCAGGGCAGTGGAAGAACA
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>SEQUENCE:2492:prostate_MPM2000-004P4Novel007_8Table3

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TCTGTGAATTTACAACACCCCAACACCCCATGAGTTCAGTCCCTTAAGAAGGAAAATTGAGCA
AGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAAT
TTTATTCTCAAACCTAGTTGGCCTCTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCAC
TGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCT
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>SEQUENCE:2493:prostate_MPM2000-004P4Novel007_8Table3

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CACCTTACAACAAAAAAGTGAGAAAAATTATCAGTTACCCTACTAAAATTATGTAGA
ATAATTATTATAAATCAAGACTAAAAGTTGCAATCATCTTAAGAAGTCATTTCTATTTTA
TTTGTCCAGATATCACAGTTGTTTTAAAGGCATTAATAATGGTTTATATAAAAATAGAAA
ATGGAAGCTTTGCTTTACAAGTCTAATGATGCCCCGTTATCTGGTGCTATTTTATTCTTG
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CATC

>SEQUENCE:2494:prostate_MPM2000-004P4Novel007_8Table3

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TCCTAAGGGGAACCAGACACGGGAGATGAGCCTGAGCGATCACAGCCTGCCCTTATCAGC
GGCAGGCACAGGCAGGGACCTGCATCGCATGGTTCCCTACAGCGCTTTTGATTCCGACAA
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>SEQUENCE:2495:prostate_MPM2000-004P4Novel007_8Table3

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ACATTAGAATGTGATCTTACTTGGTATTACTTGGTATAGGGTGTTGTAGAAATAATCAA
TAAAGATGAGGTCATACTGCATCAGGGTAGACCCTAAATTCAATGACCAGGATTTTTATA
AGTGAAAGGAGAGGCGGATTCAGAGAAAAAGACACAGACACACACAGAGAGAAGACAGCC
ATGTGAAGACACAAGCATAAATTGAAGTGACACAGCTACAAGCCAAGGAATGCCAAAAAT
TGCTGGTAACCACCANAAGTAGGAAGAGGCAAAGGGGAGTTTTTTTCCAGAGACCTTGGC
GGGAGCATGGCCATGCCAACAACTTGATATCAGACTTGTAATCCCTACATCTATGGCAGA
ATAAATTTGTGTTATTTTAAGCCACTAAGTATGTGCTAATTTCTTATGGCAACCCTAGGA
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CTCCC

>SEQUENCE:2496:prostate_MPM2000-004P4Novel007_8Table3

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CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTGCAAAGCATTCTAT
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GTGAATATACCAAACATTTATATGAGCAAACCAAGTTTTACATAACATGCTTTTGGTATG
TATTATGACTTTTTACATTTCTACTTGGATTTCTCTTCAGATCTCAGTTTCCACAAATC
TGCATCCAGGTTTCAAGGCCTCTGATTCTGCACAAATCATATGAGCCAAGTGGATTGATTA
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ATAAA

>SEQUENCE:2497:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGGGACTACAGGCAC
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CCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCAAAGTGCTGG
ATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAA
CTATGAGAGGCCAAAATTATTTAATTAAATCTTTACCTTAGCACAAGGGAAAAAATGGAA
TTTGCCTAATATAGGTGATGAAGCATACACAATGAACAGAAACAATCACATTTTAGTAAA
AGGCAAAAATTTGAGACTTATAAGCTATATGGTAGCTTATTTTTGGGTGGGGAAGAAATG
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>SEQUENCE:2498:prostate_MPM2000-004P4Novel007_8Table3

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AAGGGCTATTTGCCTCAGGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCTAT
TAATTCAATTAGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGA
TGCTGCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGC
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AGCAGGAGTTGATGTAATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTAT
GCATAAGGCAATGCTAATGGCTCAAGCAATGAGGGGGCTCACTCTAGGAGGACAAGTTAG
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>SEQUENCE:2499:prostate_MPM2000-004P4Novel007_8Table3

CACTATAGGCGAATTGGAGCTCCCCCGCGGGGCGCGGCCGCCCCGGCCAGGTCCCCGGGGA
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TTTAAGAC

>SEQUENCE:2500:prostate_MPM2000-004P4Novel007_8Table3

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AGGCAAAGTGGACAGAGATGCAAGACAAAATTCAGGTGAGAGAGCCAGAGCATCACTCAG
CCATTCCTGACATGTAAAACAGGCAACTAGAAATTTGCAGAAAGGAAGCGAGGTCTCCAT
AAAGATGTTTTTAAAGTGAGCTTGAAGTATTTGGAGACAATTCAGTGTTACATAAAATCT
GCAAATCTCTGGATAAAGAAGCAGAGATCCCAGCATGGGACAAATGGAGCCTTAAAAGTG
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ATAAG

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CCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGATATGGTGCCG
TGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAAGGAGGCCGAT
ACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGTCTTATTTTCTA
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>SEQUENCE:2502:prostate_MPM2000-004P4Novel007_8Table3

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AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATGGGACTACAG
G

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CTGGGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGA
GAAACTAGGAGAGGCCAAAATTATTTAATTAAATCTTTACCTTAGCACAAAGGGAAAAAA
TGGAATTTGCCTAATATAGGTGATGAAGCATACACAATGAACAGAAACAATCACATTTTA
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AAATGAGAAAAGAATATAACATCTCTTACTGGCATGACACATTTTGATA

>SEQUENCE:2503:prostate_MPM2000-004P4Novel007_8Table3

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GCTAACTCTAGAAATTTTATTCTCAAACCTAGTTGGCCTCTTTTTCTTCTGTCAGAGGAC
CATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCA
AAAATACAATGGCCTACATTGGATTGTAGAGGAGGAAAGGGAGCCCTGTATTGTGAGGC
TGTGCTATG

>SEQUENCE:2504:prostate_MPM2000-004P4Novel007_8Table3

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GCTGAGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTG
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TGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTG
GGTCTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGGAT
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>SEQUENCE:2505:prostate_MPM2000-004P4Novel007_8Table3

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GTCTCTTAGCAACCCAGCAGCCTTTGTAATTCATCCTGTGTTTCAGAAGTGGGCTCAGT
TCCCAGCCTTTCCTCCTGGACTCCTTTAGATGACAAATCTTCCATTTTCAAGATTTTCTT
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>SEQUENCE:2506:prostate_MPM2000-004P4Novel007_8Table3

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CAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGACACTAACTGAATTCC
CCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGACTCCCTTCAAATTTAGACT
TGATCTCCCTAAAATAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGG
AATCTTTTGTGGGGGCTTTCCAGGGAGTAAAGAGACCATTGGGTGGAACATAAATCTAC
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>SEQUENCE:2507:prostate_MPM2000-004P4Novel007_8Table3

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GACAGAAAGTCAGCATCCACAGAACACAGAATTGGGACAGATGAACTTAATAGATAAAGA
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>SEQUENCE:2508:prostate_MPM2000-004P4Novel007_8Table3

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TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGGCA
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GGCTTCTAGGATAAGGAATGGAGTTTGACCCAACCCCAAGATATGCCCTGGGGATATTGG
TTTTCTCAGGTGCATCTGACTCTCCGGCCTGGATTGCCTCGCTGCGGAGAGGGGACAAAA
GGTTTTGCCCTGAGCATCTGGTGAATGTCTTCCAGTGCCTGGTTAGGTTGCTCCGCGGCTG
GACAGTCTGACTACTCTCAAACTCCTCGTGACAGGCCTTTCTGGGGTCTG
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ACATTTATGCAGCCAACAGACACATGAAAAAATGTTTCATCATCACTGGTCATCAGAGAAA
TGCAAATCAAAACCACAATCCGGGAGGTCTTGCCAAAGACCACCTGGGCTTTCCGGGCAA
CGGGCTAGAGCTTCTGGGAAGCAGTCGTGGCCCTTTGGAGATTCCACGGCTTCGGATCCC
TACTGCAGGATGCTCCACTGTGTCTGCCGGCCTCTGGCGTTTTGCTGAGGGGTAACTCG
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AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
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CAGTGGGCGGCTGAGGATACAGCGCCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCG
CTGTGGGTTGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGT
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CCCTTTCTGGAGCCCCTTATCAGATGGCCAGCCCCAGGACAGCACTGTCTGATCCTGGTC
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>SEQUENCE:2515:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2516:prostate_MPM2000-004P4Novel007_8Table3

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CCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCAGGGC
CTGGGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACAAGGCTC
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AGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATGCAAATCCAGA
ATGTCAGTCGGCCATAAAGCCATTAAAAGGAAAAGTTCCAGCAGGAGTTGATGTAATTAC
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AGCAGTGGGAGGTGGAAGGATAATAAACAGTAGGTGAGGTTAGAGGGGACCAAATCATGT
ATTTTCCATCCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTT
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ACTTGAGAATCTGATGTTTGCAAGTTTCCTAGGCAAGTCAAGGCTGAGGAAGACTGCTGC
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>SEQUENCE:2518:prostate_MPM2000-004P4Novel007_8Table3

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A

>SEQUENCE:2519:prostate_MPM2000-004P4Novel007_8Table3

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CCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCAGGGC
CTGGGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACAAGGCTC
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AGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATGCAAATCCAGA
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>SEQUENCE:2520:prostate_MPM2000-004P4Novel007_8Table3

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GCAGGGACACCAGTTAAGTTATTGCAATGGTTAAGGTGAGAGGTGGTGGCTGGGCCTAGG
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TGGAAGGTACCTCGGCCGCGACCACGCTAAGGGCGAATTCCAGCACACTGGCGGCCGTTA
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>SEQUENCE:2521:prostate_MPM2000-004P4Novel007_8Table3

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TTTCATCTGGAAATAGTGCCTTTGCGGATATAAGTTAGGTAAA^CTGAAGATGAGATCAT
ACTGGATTAGGATGGGATCTAAATCCAATGAAAATGTCTTCATAAAAAACAGGAAAGAAC
CCATAGAAACACAAGGAAGAAGGTCATGTGAAGATGGAGGCAGAGATTGGAGGGATGCAG
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>SEQUENCE:2522:prostate_MPM2000-004P4Novel007_8Table3

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ACACTAGGAACAAATCCTGAATCCAAACCTTGAAGCTGGAGAGTATGTGGAAGAATTGTT
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>SEQUENCE:2523:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2525:prostate_MPM2000-004P4Novel007_8Table3

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GTGATTTAACACAATTACAAAACTGTTACGTTAGGGTCAAACAAGAACCATTTTATGAA
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TCTTTTAACCTGCCCTAGTATTCTTAAGTGCAGCATATCTAATTTTTTTTTTCTCAGTA
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>SEQUENCE:2527:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2529:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2532:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2533:prostate_MPM2000-004P4Novel007_8Table3

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CC

>SEQUENCE:2534:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2535:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2536:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2537:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2538:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2540:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2541:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2542:prostate_MPM2000-004P4Novel007_8Table3

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TAACTCTAAAATTTTATTTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACC
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>SEQUENCE:2543:prostate_MPM2000-004P4Novel007_8Table3

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AAATGAGGGGCTCTCAGCTTTTTGATAGNGGGCTTTTTGATACGTGTATAACCAATACTT
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AAGCTGGGGATGAAATTGTGAGCAATGCCATCTCCTACGCTCTATACAAAGCCTTCAGCA
CCAGTGAGCAAGACAAGGATAACTGGAATGGGCAGCTGAAGCTTCTGCTGGAGTGGAACC
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>SEQUENCE:2544:prostate_MPM2000-004P4Novel007_8Table3

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CTCTAACTAATCCCACTTCTCCTAATTATCTTTTTCTCCTTACGAACCTAAAAATCTCAC
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>SEQUENCE:2545:prostate_MPM2000-004P4Novel007_8Table3
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AGAGCTGGGATTTAAGCCTAGTCTGGCTGTGGAATCTGTATTCTTAATGACCATGCTATA
TTGCTTAAGATTAACCTTGAAAATTTACTCCAGTTACAAAGATTGTTTTTATTTCTCTGA
AACTGCCCCCAATGAGCCATAACAATAAATTAATCAATTATCTTGGTTATCTCTTTTGCC
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>SEQUENCE:2546:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2547:prostate_MPM2000-004P4Novel007_8Table3
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CAGGCCTGTTGTGCAGCTAAGAGCTTCATTCCTCATCATCTGGGGTTCCTTTCCCTCTC
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>SEQUENCE:2550:prostate_MPM2000-004P4Novel007_8Table3
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CATGTGGGAACCCGATTCCCTTTGGTAGGTGCGGAGAAATGTTTCATCGGTCCAGTCCACA
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>SEQUENCE:2551:prostate_MPM2000-004P4Novel007_8Table3
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GTTTCCCAAGTAGCTGAGACTACAGGTGCGTGCCACCACGCCCATCTAATTTTTTTGTAT
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CTTCAGGACGTGTGTCTGGTGATGGGACCGGCTCTTCATTTACATTTTCTGTTGACAAA
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>SEQUENCE:2554:prostate_MPM2000-004P4Novel007_8Table3
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CCAATGCCGAGTTCTGCCAGCTCTTGTTTCTGAGCTGTTAGACTTCTTCTTCATTAGTG
AACCTCTGTTCAAGTTAAGTCTTGCCAAATTTGATGCCCCTCCGGAAGCTGTTGCAGCCA
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>SEQUENCE:2556:prostate_MPM2000-004P4Novel007_8Table3
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ACAGCACCTGCACGCAGATGCACACATCTCTAGTCAAATGAGGCTCTCAGCTTTTTTGATA
GGGGCTTTTTGATACGTGTATAACCAATACTTTATTCTCACTGTAGTCAAGGACTCATTG
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TTCTCACCTATTAACAGTTATTAATAATGGAAGAAGCTGGGGATGAAATTGTGAGCAATGC
CATCTCCTACGCTCTATACAAAGCCTTCAGCACCAGTGAGCAAGACAAGGATAACTGGAA
TGGGCAGCTGAAGCTTCTGCTGGAGTGGAACCAGCTGGACTTAGCCAATGATGAGAATTT
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>SEQUENCE:2557:prostate_MPM2000-004P4Novel007_8Table3

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TTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCAC
TGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCT
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>SEQUENCE:2558:prostate_MPM2000-004P4Novel007_8Table3

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GGCTATTTGCCTCAGGGCCTGTGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAA
TTCAATTAGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGC
TGCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTA
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>SEQUENCE:2559:prostate_MPM2000-004P4Novel007_8Table3

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CCATAGAAACACAAGGAAGAAGGTCATGTGAAGATGGAGGCAGAGATTGGAGGGATGCAG
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>SEQUENCE:2560:prostate_MPM2000-004P4Novel007_8Table3

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GGCTTTCCACAGGCTACACACACAAAACAGGAAACATGCCAAGTTTGTTTCAACGCATTG
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TTTTTGCAGTGAGCGCAGTTGAATCTTCTGGGTGCCAAGATTTCCCCAGTGCCACTAAG
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CCTTCTTAAGGACTGAACTCATGGGTGTTGGGTGTTGTAAATTCACAGAGGGACTCTGCA
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>SEQUENCE:2561:prostate_MPM2000-004P4Novel007_8Table3

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GATAAAGAAGACGTTGCCTTCAAAGACCTGGATGTGGCCATTCTTGTGGGCTCCATGCCA
AGAAGGGAAGGCATGGAGAGAAAAGATTTACTGAAAGCAAATGTGAAAATCTTCAAATCC
CAGGGTGCAGCCTTAGATAAATACGCCAAGAAGTCAGTTAAGGTTATTGTTGTGGGTAAAT
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TTCAGTTGCTTGACTCGTTTGGATCACAACCGAGCTAAAGCTCAAATTGCTCTTAACTT
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>SEQUENCE:2564:prostate_MPM2000-004P4Novel007_8Table3

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TGGCTGGGTGAGTAGGTGAACAGTTCAAGGCTGTGTGGATGAAACTCTGGCATCTCTTTA
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CGGCTCCCCGACGATTGGTGAGTTGTCTGTGTATTGTCCGGNGTAACATGGGGTCACGCA
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TCCTGAAAAGGGGAACGTTAGATGTGGAACATATGGGATCATGTTGGTGCAAAATCCGAGA
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>SEQUENCE:2567:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2568:prostate_MPM2000-004P4Novel007_8Table3

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CACCTACCTACCCTTCTTCATTGATGGATTGGAGCTATACTTACCTGGGCAGGCATGACC
TCGGCATTAGTCCCCGCAATCTTGACTCCAGCATACAAGCAGGCCCGGTAATGGGCCTCC
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>SEQUENCE:2569:prostate_MPM2000-004P4Novel007_8Table3

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CAGTTTCCTAATCTGTAAAAGGGTGATATTAATTGTTGCTCACAGAACTGTTATGAG
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TTGGTAGGTGCGGAGAAATGTTTCATCGGTCCAGTCCACAGAAATGCTTGTTGCGCTCCCC
GACGATTGGTGAGTTGTCTGTGATTGTCCGGGGTAACTATGGGTCACGCAGAGTCTAAA
CATTATGCTTATCTCTGCTATATTAAATTCCTGTTAAATGGGGGAGTTCGGGTTCCTAT
GGAAAATATGGTCACCCTATTCAGGGCAGTGGAAGAACTGTCTTGGTTTCCTGAAAA
GGGAACGTTAGATGTGGAACCTATGGGATCATGTTGGTGCAAAATTCGAGAACTGGTCCC
AACAGGAAATTATGTTCTGTCACTGTTTGGGGTGATTGGG

>SEQUENCE:2573:prostate_MPM2000-004P4Novel007_8Table3

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGAGGTACAGTTGTAAATACCAGGA
TCTGCAGAAATCGCCCTTAGCGTGGTCGCGGCCGAGGTACAGTTGTAAATACCAGGA

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ACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATGCAGTGCAC
CACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGAGGATACA
GCGCCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGGTATGGTG
CCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAAGGAGGCC
GATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGTCTTATTTT
CTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGGATAGAGACTCTGT
CCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACCTGCGTTTGAGGTTGGA
ATGTTACAAGCATCTGAACCGCGGGAGGAGGAGTTGATGGCGATCGTGGTTTATGCTCTG
ATGGCCCCAAT

>SEQUENCE:2574:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGACATCAATGC
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ATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACT
CTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTT
AGCGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATAC
AATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGA
GAAATCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGTCATCAA
TGCGTTGAAACAACTTGGCATGTTTCCTGTTTTGTGTGTGTAGCCTGTGGAAAGCCCAT
TCGGAACAATGTTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTATTATGC
CC

>SEQUENCE:2575:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCAGTGA
AGGACAAGAACTTCTGGAGGTCAAACCTGGGGGAGCTGCCAAGCTGGATCTTGATGCGGG
ACTTCAGTCCTAGTGGCATTTCGGAGCGTTTCAAAGAGGTGAGAGCCTTGTGGGATGTC
TGTAATGAAAGCAAATCTCTGGGTCTTCAGATCTCTTTTTTGGCCATGAATTAATTTGGG
CAATGAAGGCCTTGTGTCTGAAAGCAGTAAGTTATGTAGAGGATGACAGGGAGGGATGC
TAGGCCTTGGACTTCTGTGGTTGATTGGCCCTTCAAAGGCTGGCTCTGAGATATTACAG
CCAAGAACATGCTTCCTGTTGCTTGAATCAGTATGTCTGCCTCTGTCTTAGAGAAA

>SEQUENCE:2576:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTAACATGCTG
CACAGTTTTGTAGGCTATGAGCAATAGGCCATACCATATAGGCTAGGTGTGTAGCAGGCT
GTGCCACCCAGGTTTGTGTAAGTGCACCTCTATGATGCTTGCACAACGACCAATTCCACCC
AACAACGCATTTCTCAGAATGAATCCCTGTTGTCAAGCGATGCATGACTGTGCCTTTGAT
AGTTCCTTACAAATTGATCTTGAGTGTGTATTGATGTGTAACTAGTTACTGAATAATGC
ATCTCGAAATGTTGGATTCTTTTTGCATCCGCCTGTGCTGTGCTGCCTTCCATGGAGCTC
TATGATGACTGGCACCTCCTGGTGGAGGCATCCTTCCCACATTACCCCCAGTAAG

>SEQUENCE:2577:prostate_MPM2000-004P4Novel007_8Table3

CACCGCGGTGGCGGCCGAGTTACTCTTTTTTTTTTTTTCTTTTTTTTTTAAATAAAAAG
AATCTTAAATCTGGTTGAGAATTATCTGGAATATAATTGTATATTGAATATTGCTG
TCATAACTTTTCAGTTGGAGAAGGGTCAACTCAGAGGGGTTCCACTTCAAAAAGAGGACA
GGGTGGGTGAACAGCTTGCCTGGCCTTTTTTCCCCACCCTGTGTCTCCATATTCCAGCCT
TCTAAGAAAATGGCTGGTGGGTGAGGATAATGCACCAAATCCTTCTTGACTGGTGATCTT
GATGCACGTGCCATTTCCCTGTCTCTCCAGTGTGGGAACCTTAACTTAGGGCAGAGCCT
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>SEQUENCE:2578:prostate_MPM2000-004P4Novel007_8Table3

CTACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCAGGAT
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GCCCTGGGCTGTGCAACGACAACTATGAAAATATTTGTTTCTCACTTAGGGAAATTTCCC
AGGAATCCTGCTAAGTCCAGAGGGGTTTTCTTCTCTTCTTATTATAGGTTCCCCTTG
CCTTTAAAAGGAACTAAATAAACAAGCATAAAAACAAAACAAGAAAATCTCCCCTGCTCC
CTTGGCTTTTATCTGACCCTGAAATGACCCCTTGCCTGGCTTGCTTCATACAGGTCTTTG
AAAGGCGTTCTCTGCAGAATGGTGTGGGCACAACCTTTGAAGTCCAGGCTTCAGTAGTGGC
CAAAC

>SEQUENCE:2579:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTT
TTTTTTTTTTTTTTTTTGGAAACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCC

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TGGCCTCGTGATCCGCCCCGCTCGGCCTCCCAAAGTGCTGGGATCACAGGGCGTGAGCCAT
CGTGCCTGGCCGCTGCTTGGGTTTAAAATGAATCTTGGATACAGGTGGCCAGACTAAATG
GTCTCTCAACTTGTCTTCAAGTTTAGGATTTTAATTTTTGATATTTTCACTTCTCTCTG
GAAATTTGTTCAATTCTCAATTGTTGGGGGAGATGCGCAGCTTGCTTCATTATTGGAGTT
TACTGGGCTGA

>SEQUENCE:2580:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCGGGCAGGTACTAACAA
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TCAGACCAGATTTTGAACGCTACTAAAATTAAGTAGTTCTTTGATGAATATGAATGAGT
AGGGAAAGGATTCTTTGTAATAGTGATACCTCTGCGGTAAGAGAAGGGTGGTATGTGAGT
TTTAGTCTACAGATTATGGCAAATTCAGTGACAACAATCAAATGGTCTAAGATTGACAGT
AGCACAGCTTTACTCTGTGAAGGTAATGTTTCAGGACAAATTTCAAGAAAAGTAGAAAACC
ATTCTTTACAGCTGAAATCTTTCCCTAACCATTGTTATTTCCACTTTTAAGTCCTCAAGA
GATGAGAAAAGGGAGGTAA

>SEQUENCE:2581:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCGGGCAGGTACGAAAAA
ATCAGGCTACTAAGCCCACTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAA
ATTGGAGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGG
CTATTTGCCTCAGGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAAT
TCAATTAGGCAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCT
GCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTAT
GAAAATGCAAATCCAGAATGTCAGTCGGCCATAAAGCCATTAAAGGAAAAGTTCCAGCA
GGAGTTGATGTAATTACAGAATATGTGT

>SEQUENCE:2582:prostate_MPM2000-004P4Novel007_8Table3

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTCTGCTC
CTTTTTTTGGCAGTAGTGGATGTGTCTAGTGCTTGGTTTCTCTGCAGGCCTTTTAGGGA
GAAATAGCTGAATTTGTTACAGTATAACTTACTTTTTTATGTTGATCTGTTTCCTTCCCTA
ATGTAAATAGGTCTAATGCTAGTTGTACTTTTTTTTTTTTTTTTTTTTTTTTGGAGG
GGTTTGCAACTGCGTTTTATTGAAAGAAAGAGTGGAGGGGTAAACATGGGGCCACCTTA
CAACCCACTTTTCAACCCCAAAATCACCCAGGGATGGGACTCAGGAAAGGGAAGCATGTG
TGTGTTGAATAGGAGCCCTAACTGTAGTTACTTCTTTTACAGCAGGGAAGGAAGAGGGAA
GAGGCACCTTTGGAA

>SEQUENCE:2583:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTTGCTT
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GTCTGTCTTTTGGCGAGTCCAATTAGTGATCGTTTCCATTTATCCTTAACCTCTGTTTG
TGATCTTCTGATTCCACCTACAAGTTCATTAGTTCTAAATAAAAGCCTGTTGGCAAGTG
TTGGTAGATTACAACCTTTTTTATTTGAAGTTGCTCGAGAAGTTAGACATGCTTTAGAAT
TATGAGTGTGGGGAAAATTTTATGTTTCTTAGNGATTAT.ATAAAGTGAAGGAGGGGAA
CATTGCCAAATAGGGTTCTGAGGGGCTTTGTTTCTCTTCTTGGCTCTGAAAACATTTTCT
GAAAAAGGCA

>SEQUENCE:2584:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCTGCACTTACAATTGCACC
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AAGTGGGTCCCAAAGTCCTTAAATATGGAGGGATGTGGGGAAGCAGTGGTGAAGATGCGG
CAAAGGTCAGCAGGCAACACTGGTCTTTGTTGTAGGTAACCTTCATCTAGAGATTCTTCT
AGTTCTTTCCAGATTTATCTTCTAAAACTAACTGGTATGGACATATTACAGTCCTGTAA
TTCTTTCTTCTAGGTCATATTGAACATTCCAGATACCTATCATTACTCGATGCTGTTGAT
AACAGCAAGATGGCTTTGAACTCAGTAAGTGGTTAATTATTACCTTCTGGCCTTTTCTT
TGTTCCCTTGTTCCCTTCTGTTATTCCCAACATTGTTTGGGGTCAGCAATTGCAAGGGCTA
TTTGTAGGGAACGCCGGGCCACGCTGATGCTGTTCAAGGCACCCTCTAGAAAGAGTGAGT
CAGGTGCGCAGCCACACAAGTGCCTAAGTGAAGTGCAGCAAGAGCCATGGCTGTTGGGTACCT
CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCT

>SEQUENCE:2585:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCGACTCCTCAGAAA
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CTAACTAATCCCACTTCTCCTAATTATCTTTTTCTCCTTACGAACCTAAAAATCTCACCA
TTTCTATTAGCCTGAAAATAACATCCCTCTGTTCTTCTCTTCTCCTTACGCACTGGATC
TCACTTACAATAGGTTTTATTTAATAATTATCTTCTTACACTTTCTGTCTCACCAGTTT
CCCCTTAACTGATTTACCTGCTACACAAAATTATTCTTATTGGGCTTATGTGCCTTTTC
CTCCACTTATTCGACCTCTCACCTGGATGGATGCTCCTGCAGAAATCTATACTAACGATA
GTGTGTNGGATGCCTGGAACCTACAGATGACCGTTGCCCCGCTCAGCCAGGAGA

>SEQUENCE:2586:prostate_MPM2000-004P4Novel007_8Table3

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGCCCACTCGTCAT
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TTCCACATCCTCCCTTGATTCGTGGATGGACAACCTATGGAGGCCAATCTTGCTGAGGTG
AGGACTGCTTGAGTCTAAATTCCTCTCTCCTCAAACCCAATTCAAACCTGGCCTGAGCAA
ATGAATGTATTGATCCATAACTGAAAAGTCCAGAATGATCAGGCATCAGGCATGGTTGCA
TCCAGGGGCCCATGTATTAGAACCATCTCCTTCCAGTTCTGGGCTCTGCTTGCCTCCAG
TTGGTTTTACTGCACAGAGGCTTATTCAAGTCCAGAGAGATCTTATC

>SEQUENCE:2587:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCGAGACA
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TTTCCCTTTTATGAGTCAGCTCATTTCTGTGACTCCATATTAAGATGCCACTCTGAAT
TTTGCCTTGGAAGCTGGCGCTTCAGTTTATAACACAAATTGACACTTTAGGAAGACAAGA
GAGCTTTGTATTCTCCCTGCAATCATTTACTCAGTCAGGAAAATACTAAACACTGTCTTT
GCGTAGAATATAATGCTACTGATGTGAGGAAAAGAAATCCAGTGCCTGGCACATAGAAAA
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>SEQUENCE:2588:prostate_MPM2000-004P4Novel007_8Table3

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TCCCTCTGTGAATTTACAACACCCAACACCCCATGAGTTCAGTCCCTTAAGAAGGAAAATTG
AGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAG
AAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTG
GCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATG
GCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAAA
TTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGTCATCAATGCG
TTGAAACAACTTGGCATGCTTCTGTTTTGTGTGTGTAGCCTGTGGAAAGCCCATTGCG
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>SEQUENCE:2589:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGAGAAGCAGGTTGA
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ATGGGGGAGGGCCTGCAGAATTACAGGTAAATTGTAGTTTGGATGGCTCCGGAGGCAAAG
ACTGTAAAGGTTTGGAGAGGGAAGAATTAGCATAGATATGGTCCTGGGCTGTCTGAGTTG
GGGCCGCAGGAGCTACAAGTGTGCGCTCTTCGTGAAAAGAAATAAGATCATCAGGGGGTG
ATGTTAAGCCAAAGTCACTGGAGTTAGATATTGAATCCTCAGTATCGTCAGGTGGGGGAG
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>SEQUENCE:2590:prostate_MPM2000-004P4Novel007_8Table3

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A

GCAGTGCTCTGATTGGAGGCTTCTGGCCTGGAGAAGTTGGAAGCAGCTGATAGAGGTAGG
TGTCTTCAGTGATTGGTTTGGAGAGCCTATTTGTTTTCTGTGGTTGATTCTGAGTTGCA
AGAGTCCTGACCATTTGGGGCTGATTGCTGCTGAGGTTGTGGTTTTCTTGCAGGACAGGC
AAGCCCCAAATTGGGCCTTAGCCCATGAGGGTTCCTGGCTTTACCCAGGAAAGAATTCAA
GGGTGAGCCAGTGGTAAGGTGGAAGAAAACAACTTCATTAAAGAGGCAGTGTGACAGCTC
CGTGACTTTTCCTG

>SEQUENCE:2591:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTA

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CAGTGGCGTGATCATAGCTCACTGCAGCCTCAAACCTCCTGGGCTCAAGTGATCCTCCTGC
CCCAGTTTCTTGAGTAGTTGGGACTACAGGCGTGTGCCACATCTGGCTATTTTTTTTTTT
TTAATAGAGAAGGGGTCTTGTTATGTTGCCCAGGCTCGTCTTGAAATTCTGGGCTCAAGC
AATCCTTTCACCTCAGCCCCCAAAGCAATGGTTCACAGGTTACAGGTATGAACTACCA
TGCCTAGCCTAGCTATTTACTCTTAAAGGAAAAAATAATTTTTTATTTTAGTTTTCAAGG
CCTTTCATGCTATTTACACTTGAAGTTTGGCCTTATTATTTTTTGCTTAGAAATCTTTA
ATGGTTTTAGGTCACGTTGGG

>SEQUENCE:2592:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTTCACCGCGGTGGCGGCCGCCGGGCAGGTACTTTTTTTTTTTT
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GGGCTCAAGAGATCTGCCACCTCTGCCTCCCAAGGTGCTGGGATTTTTACAGGTGTGAG
CCACCACAACCAACCTAATCTGGTTTTAAAAATAATAGAGAGATAGAAAAGACCAGATTC
TTTCATGGGAAGGAGGAGGAGGTGGCAAAAGTCAAGCCATTTTCCGTTATGAGGTTGCAG
AGGGCAGCTCTCACCCAAGGAGCGAGCATGCAGGAAAGCAGATGAGTCGTATTAAGGGAA
AGGAACTGGCGGTCATTAACCCAGGTCAAACACGGGCAGGTGGCCTCCCAAGGC

>SEQUENCE:2593:prostate_MPM2000-004P4Novel007_8Table3

TGGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGCCAGACTCATTTCATGTTACAGGCC
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GTTTATAGAAGGTTAGAATCACTCTGTCCAAGGAAAATGGGGTGAAAAGGGAATTTATC
ACCTTGACCAAAGTTAGTCCTGTTACTGGTCCTGAACATCCAGAATTAGGAAGCTTACTG
TGGCCTCACACCACATTAGAATTTGTTCTGGAAATCAAGCTATAGGAACAAGAGATCGTA
AGTCATATTATACTATCAACCTAAATTCCAGTCTGACAATTCCTTTGCAAAATTGTGTAA
AACTCCCTTATATTGCTAGTTGTAGGAAAAACATAGTTATTAACCTGAT

>SEQUENCE:2594:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGTGGATGG
GAAGAATAGAAATCAGGAGTGGGCAGAGGGGAAAAGTTAAGCTGTGATGTAGGCCAGTGA
CAAGCCACTGACACTTCTATGGGGAGCTGTAAATAGACCTTTGGCATTGTCCCAAGTTGG
GCCAATATGGCCAGGCCTTTACAGGCTCACACATCATTTATTGCTTGTGGGCCACTCCAG
GAAGGTGCATGACTTTGGGTAAGGAGGCTCTCTGGAGCTGAGGTAATCCCTGAAAGGACT
AACAGCTGAAGATTGTCTGCTGAGAATACTGCCGAAGACTAAGGCAACAAATTCTTCCAC
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>SEQUENCE:2595:prostate_MPM2000-004P4Novel007_8Table3

CTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTCAAATGGGTCACTGAATATCTTCAA
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CCAATCACTTTTGCCAAATTCTCAAACAGGCCCATATTTCTCTCACACACATGCGTGCGC
ATGCGCACACGCGCGCGCACACACACACACGTTAAGATGCGAAGAATCACTGTTCAT
AAAATGTCATATTTCTAATTTCTGTAAATGGGGAGAAATCCTCAAGCTTATATAAAAGTG
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CCCCTGAAAATTTCTCTCTGATGTTTAAAACACCATTTCTATGCTTACTCTTACAGCTG
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>SEQUENCE:2596:prostate_MPM2000-004P4Novel007_8Table3

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CTAAACCCCTGAAGATTGGAATTTTGCAAGACGGAGTAGCTGTTCTCAGAGAACAGCTA
TGTCCCCCTCTTGGCCAGCACTGGCTTGAACTTACCGGGTGCAACATGAAATTTCTGTT
TCGTAGCAAGTGCATGTCTCACAGTTGTCAGTCTGCCACTCCGAGTTTATTGGGTGTTTT
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>SEQUENCE:2597:prostate_MPM2000-004P4Novel007_8Table3

TGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACAGGTTGCTGTAGGAGCCCTTA
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GTCTTACCAGATGGCCGAACAGATCCAAGTGTTCATGACCTTGGACTGTCCATCCTCCAG
AACCATAAGCCAAATAAATTTCTTTCTTCATAAATTTCCAGTCTGTGGTATCTTGAAA

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TCAACTGAAATCAGTCACTAAGGAACAAAATTCTCCAGAGAACTGTTTCTTCCTTGAAT
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GCAGCCAAGAGAGCTGCCACACTGGACATCAATCAGCAGCAGGGCCTGTCCTCAGGGTG
ACTCCGTTTAC

>SEQUENCE:2598:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGACG
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AGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCTTAAGAAGGAAA
ATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACT
CTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAAGACCATTCTT
AGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATAC
AATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGA
GAAATTCTTTGCCCTGAATGTGGTC

>SEQUENCE:2599:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAACTCTGTTTA
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ATTATTAGGTGTTATAACTAATAAGTTGTTATTTTATATCTTAATGTAGGTAAAGAGAAC
TGGTCTTGTGGTGGTGAAAAACATGAAAATTGTTGGTCTCCACTGTTCTAGTGAAGATTT
ACATGCCGGGCAGATTGCTCTTATTAACATGGGTCAAGGCTGAAAAACTGTGATCTTTA
TTTTTCCAGAAAACCATGTTCTGCTTGTGTTGAAAATGATTGTAAATGGTAAGTGCAGAAA
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TCCCAGCACTTT

>SEQUENCE:2600:prostate_MPM2000-004P4Novel007_8Table3

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTTTCATTGGA
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AATATCTATCTGCTGGTTCCTCCTGTGCTCAACCCAATTGTCTATGGAGTGAAGACAAAG
GAGATTGACAGCGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAG
GTGTCAGTGATCAAACCTTCTTTTCCATTGAGAGTCTCTGATTCAGATTTTAAATGTTAAC
ATTTTGGAAGACAGTATTCAGAAAAAAATTTCTTAATAAAAATACAACCTCAGATCCTT
CAAATATGAAACTGGTTGGGGAATCTCCATTTTTTCAATATTATTTCTTCTTTGTTTTT
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>SEQUENCE:2601:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGCTCA
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AATCCCTTAAGTGCACGTCTCCCGTTTTCTTTTACATCAATGCAGAGTCCCTTCTGGGG
AATTTACAACACCCAACACCCATGAGTTCAGTCTTAAGAAGGAAAATTGAGCAAGTATT
TAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTATT
CTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCACTGGGGA
AATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACA

>SEQUENCE:2602:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGATCCTC
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CAAATTCCCTTAGGCAGAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGT
GCACGTCTCCCGTTTTCTTTTACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCC
AACACCCATGAGTTCAGTCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACA
TTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTG
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>SEQUENCE:2603:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGGGGCGGCCGCCCGGGCAGGTACTG
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GCATTCTCTTTTGGACATATTGAGTTGGCTATCTCTAAAAGATATTCATGTGCAGATGTC
TGGCAGACTATTAGAAATGCTGGTTTGGAACTCAAGGAAAAAGTTACAAAAAATTGGACT
AGGTTAATGGATGGACTATTTTGAAGTTAAATCCTATGCTTCAGTATAAATGAAGACATA
TTTTTTTTTTCTATAACCACTANTTGAAGTTCCCCTCCCCCTCCAAATTATAAGTATTGG
TCTTTGGGAGTGTTTTGGATCCACATTTGGCAGGGGACTGGGGATA

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>SEQUENCE:2604:prostate_MPM2000-004P4Novel007_8Table3
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AGGAAACTGTAAATTTACAGATCTTTGTCCTTCCCCACAAAGAGCCTTAATCTCACAGGT
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CTGCATACTTGCTTTACAGACGAATAGAGGACAGCATGTTGTTCAATAATTGTAGTTTAA
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CAGCAGCCAAATGGAGGCTCTCTAAAGGTGATGATTAACCTTGGCATAAACATGCCAAGCT
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GAATGACAGAGTCAAACAATTTAACAAAGCCCTAAAGGTCCCTGCCAGGAAAGAATGAGC
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TTGGGAGGCCAGGGAGGGAGGATTGCTTGAGGTCAGGAGCTCGGGATCAGCCTGGTCAAC
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>SEQUENCE:2615:prostate_MPM2000-004P4Novel007_8Table3

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TCCCTAGAAAATGTCACCTCTTTTAAAGGTCTTTTTTGGCTTTCAACAACCTGAAGGAGTT
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>SEQUENCE:2620:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2621:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2623:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2624:prostate_MPM2000-004P4Novel007_8Table3

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AATAGGAAGCAGAGAATGAGTTAGGATGAAATCAAATGGGAGAAAGAAATGAAGAAGCC
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>SEQUENCE:2625:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2627:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2628:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2629:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2630:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2631:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2633:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2634:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2635:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2636:prostate_MPM2000-004P4Novel007_8Table3

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GAAGGGAACGTAACCTTTATTCAATGCAAAGGGCAATGGATTCTATATTCATCTATGTGC
CAAGCAGCCCTCTGAGCTTTAAAACTAATTATAGGGGGAGATTGTGACTTTTCAGTCTT
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>SEQUENCE:2637:prostate_MPM2000-004P4Novel007_8Table3

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AATAGGAAGCAGAGAATGAGTTAGGATGAAATTCAAATGGGAGAAAGAAATGAAGAAGCC
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TGGAAGGTGGGCCAAGCATAAATTCCACAACCTTATAACTAATATTAGATGAAGTTTCTC
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>SEQUENCE:2639:prostate_MPM2000-004P4Novel007_8Table3

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CTCTGCAGTAAGTGGAAGAGTTCTTCATGGCCCCCAAGGTTATATCCATCTAGAACTTCA
GCACGTAATTTTCTCTGGAAATAGTGCCTTTGCGGATATAAGTTAGGTAAAACTGAAGAT
GAGATCATACTGGATTAGGATGGGATCTAAGTCCAATGAAAATGTCTTCATAAAAAACAG

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GAAAGAACCCATAGAAACACAAGGAAGAAGGTCATGTGAAGATGGAGGCAGAGATTGGAG
GGATGCAGCCACCGGCCCATGAATGCCAGCAGCCACCCAGAAGCTGGAAGGAAATGAGGG
ATTCTCTCCTAGAACCTTTAGAGAGAACATGGTCCTGTGAACAGCTTGATTTTGGACTTG
CCCATAGCTTGTATACTCTTACTTTGGGATACAATTTTATCCAACTTGGCTAAACAAGT
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TCAAATTGGCTATTATTTTTTAATGTAATTAACCTTCACAATTTAAATTGAAGGATATTC
TGATCCTTAGGTTATAAATATGTGACTTGATGGTTTATGTAACATTCAAGTAGCATGTTT
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TGCTAGGCATTAGGGTCTAAAAAGAATGAAAATAAAGCATCTCAGGGATGGCTTTTCAGA
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>SEQUENCE:2642:prostate_MPM2000-004P4Novel007_8Table3

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ATGTCACTACTTAGACATTATATTGTCATCTTGCTGTTTCTAGTGATGTTAATTATCTCC
ATTTCAGCAGATGTGTGGCCTTAGATGGTAAAAGTAGCAGCCTTATCTTATTTCTCACCT
CTGTATCATCAGGTCCTTCCCACCATGCAGATCTTCTGATCTCCCTCGGCTGCAGCCAC
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>SEQUENCE:2643:prostate_MPM2000-004P4Novel007_8Table3

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CAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGG
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TGTCAGAGGACCATTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTG
CGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTA
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>SEQUENCE:2644:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2645:prostate_MPM2000-004P4Novel007_8Table3

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TGGGGGTTTTCATGTGTATAGGGTGCCTGCAGCTACACTAAACATCTTAAAGCTACCACA
ATGTTCACTTCATATTTTTGCTTTTTATAGGCTTTCTTGGTCTCCTCCTATGTTCCCATC
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AGGCTGAGAACTGTTTAGCCAAGTTTGGATAAAATTGTATCCAAAGTAAGAGTATACAA
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>SEQUENCE:2648:prostate_MPM2000-004P4Novel007_8Table3
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CCCCGGAACGTCATCCTGGGAGCTTGAGATTTTATTCTACATTTCTCTTGTTCTTAAC
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>SEQUENCE:2650:prostate_MPM2000-004P4Novel007_8Table3
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GCCTGAGAAGCTCTTCCCTTGTCTCTTAAATCTAGAATGATGTAAAGTTTTGAATAAGTTG
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AATACTAAAAGTGTAATTTGATTATAAGAGTTTAGATAAATATATGAAATGCAAGAGCCA
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>SEQUENCE:2651:prostate_MPM2000-004P4Novel007_8Table3
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GCATGCAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGC
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TCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGT
TGGGTCTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGG
ATAGAGACTCTGTCCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACCTGC
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>SEQUENCE:2652:prostate_MPM2000-004P4Novel007_8Table3

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ATTAGGTAATGTGATTATAAGAGAAAGATCCTGAAGAATGCTTGGAATGGATCCTTTAC
CCATACATGATTTTGTTCATCAGCTTATATGTAGGATCACAGTCATTTGGAAAATATTGG
TCCATTGAAATTTATACATTTTCCAAATGGTGACACACTTCATTATACAGTGTCAAAGT
TAGCCTTCATGACTATCACCCTGATCTCATCAGGAAGTTTTAAGTATTGGATAGCTATA
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>SEQUENCE:2653:prostate_MPM2000-004P4Novel007_8Table3

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ATTCTATCAACCAGTCCTTGATGAGTCTGTGATTTATGGACCAGGAAACCTGTCAACCA
ACAACAATACTCTCAGAGACCACTTCAAAGGGATTTCTTCCCATAGCAGAAGCTCACTCA
TGCCCTGAGAAATGATGTGGATAAGAGAGGGGAGACGACCTCAGCATCCTTGCTAAATG
CTGGATTAAGCCACACTGAATACCAGATAGTCACAGACCCTGGGGACGTCCCAGCTTTTT
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>SEQUENCE:2654:prostate_MPM2000-004P4Novel007_8Table3

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AGGTTTCACTGTCATCATCACACTTTTTAATCCATTTCTTTAACCCTGTTTGAAAATAA
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TGGTCAAGCTTAAATGTAAAAGCCAATGAATAAGATTATCACTAGGCTCACATCCTCTTA
AGCCAGGGAAGTCCCATAGCTACAATGTCCAGTATATATAAAATCAACCAAAGCAGGATT
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>SEQUENCE:2655:prostate_MPM2000-004P4Novel007_8Table3

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TATTTTCCATCCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTT
TAAAAAATACCAATGACTGGGTCCCAGCCTAGAGTGATTAATCAGAATCTCTGGAGGTA
GACTTGAGAATCTGATGTTTGCAAGTTTCCTAGGCAAGTCAAGGCTGAGGAAGACTGCTG
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>SEQUENCE:2656:prostate_MPM2000-004P4Novel007_8Table3

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GACTGCTTACAGCTCATTTTTTAAAAAGAAAGGTCACATATAATACAATATAAAATTAC
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>SEQUENCE:2657:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2658:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2659:prostate_MPM2000-004P4Novel007_8Table3

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TAAGTGTGCCTTTTCTCTATATGCTAAGAGGTGTAAGTAGAGAATAGACGTTATAGTATC
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CCCCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGACTCCCTTCAAATTTAGA
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GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
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>SEQUENCE:2661:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2662:prostate_MPM2000-004P4Novel007_8Table3

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ATGATGTGAACAAGTTTGATCAGGTGACAGTGTTCTTACACTTCCTGTGGGCAGGACCAC
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>SEQUENCE:2663:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2664:prostate_MPM2000-004P4Novel007_8Table3

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ATTCAACTGAAGAGATGTTGAAGAGTACGCGGGGGTCAGAAGCTGGAGGAGTTGAAGGCA
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>SEQUENCE:2666:prostate_MPM2000-004P4Novel007_8Table3

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AGCAGTGGGAGGTGGAAGGATAATAACAGTAGGTGAGGTTAGAGGGGACCAAATCATGT
ATTTTCCATCCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTT
AAAAATACCAATGACTGGGTCCCAGCCTAGAGTGATTAAATCAGAATCTCTGGAGGTAG
ACTTGAGAATCTGATGTTTGCAAGTTTCCTAGGCAAGTCAAGGCTGAGGAAGACTGCTGC
AGGCCATTGTAAGAGCCAGGCGTTGATCTCATTCAACCTTTCCCTCAGCTCTTCTAGAGA
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>SEQUENCE:2667:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACT
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AGGATGATCTTGATCTCTTGACCTCATGATCCGCCCGTCTTGGCCTCCCAAAGTGCTGGG
ATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAA
CTATGAGAGGCCAAAATTATTTAATTAAATCTTTACCTTAGCGCAAGGGAAAAAATGGAA
TTTGCCTAATATAGGTGATGAAGCATACACAATGAACAGAAACAATCACATTTTAGTAA
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>SEQUENCE:2668:prostate_MPM2000-004P4Novel007_8Table3

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TGTTGAAACGTGTCTCATCCTATTCTGAAGCCAGAATATTCTGGCCATGAGTCATTGTT
TCCGCCCATCTTGATTCTTTTGGAAATGGCAGCTCTTGTTCAAAGACCGGAAAGGGTGGG
ATGTCAATTTCAAGTGGGGTCAACCTGAGTTCTGTAAATCCCAGTAGCGATTTTCCCGCC
GCGGGTGGGTAGGCGAATCTTGCGCCGGTTTATACAAAGGAGGCCGTGAGGACCTGCATG
C

>SEQUENCE:2669:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTC
CAAGCCAAAGATGATGGAGAGTGAATTAAGTTAGTGCAATGGGACCAAGTCTAGAGCTAT
TTAGAAGTGAGAAGTGACACGGAAAAAAGATTGATTGGATGTAGAACAAGTTGGA
TAAGAATCCAGGACAACCCAGGTGTCAGGCTGGGGCAGCTAGGTAGGTGCTATTGCCAT
ATAAAGTGTTAAAAAAGAATAGAGAAGGGGCTAGTTGTGCGGGGAAGGAGTTCAGTTTAA
GACATGTTGAACTGCAAGGAGATTTGATACTATAATTAAGGAATGTGTTTTAATAAATTT
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>SEQUENCE:2670:prostate_MPM2000-004P4Novel007_8Table3

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GTAATCATCTGCATTTAGATGGCGAGTGAAGCCATGACAGGGGCTGAAATGGCCCAGCAA
GAATAAATCAAACCATGAGAAACACATACATTTAAGAATAAGGAGATGTGGTCAGGCGCG
GTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGTGGATCACTTGAGGT
CAGTAGTTTGAGACCAGCCTGGACAACCTAGTGAAATCCCGTCTCTGCTAAAAATACAGA
ACTTAGCTGGGTGTGGTGGTGCCTATAGTCCCAGCTGCTTGGGAGGCTGAAGCACA
AGAATCGCTTGAACCCGGGAGGTGG

>SEQUENCE:2671:prostate_MPM2000-004P4Novel007_8Table3

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ACCCAGACTCTCAGCAATGCAGGAAAGGAACAAACGGGCAGCTTGGGAAAAGGGGGCTCA
CATACCACAGCGACTAGGTAACTCTACACAGACCAAGATTTTGATAGTTTACCTGTGCA
AATTACAGTTCCGGAGAAAATACGGTCAATAATAAAGGAAGGAATTGAATCGCAGGCATC
CTACAAAATTGTAATTGAAGGGAAACCATATACTGTGAATTTAATGCAAAAGTAGGTAAT
CATCATTATTTTATCAATTCTCTTTGTTCTACTTATAATTTTGTCTTGAATTGTC

>SEQUENCE:2672:prostate_MPM2000-004P4Novel007_8Table3

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CTCAATTCAAGTAAGTAAGCAAACATTTAAATATTTTTTCAGGCATAAATGTTAGCGTTCT
TATCCTGTAATATGCGAAGTAAATAAATTTATATACTTACTGCCTTTGTTACAATGCATG
CAAACACGTGGTAAGGTGTTTACATACCTTAGGAAGAGATCTGATTCTCAAGAACAGCAGAA
AATAGGAAGCAGAGAATGAGTTAGGATGAAATTCAAATGGGAGAAAGAAATGAAGAAGCC
AGATACTTCCAGTAGTTAATTTCTTAACATGGCTACTTATAATAATAGAGAAATGGTAAG
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>SEQUENCE:2673:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGG
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TAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATAT
CCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTCTTCTGTCAGA
GGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCAC
TGCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGGG
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>SEQUENCE:2674:prostate_MPM2000-004P4Novel007_8Table3
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CATGTTGCAAAGAAATATATATATTTGTGTGCTTTGTGTATGATATAAATCCATTTCTGC
AAAATAAAATACAAACCCGATTTATCTAACAAATATGAACTCAATGAAAAACAAATCC
CAAAATAATACTATTTATGTAAAATATAGAAGCTAAACAATAAATTAATAATACATACAT
AAATAGCAAAAGAGTAAAGCATAGTAAAAATAATAAGCACCCAAGTAAAGAAAAGAAAT
AACGTAAAATTTGGGATGGAGTGATTCTATGACGGGGAATAGAAAAGAGATGTGGCCAC
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>SEQUENCE:2675:prostate_MPM2000-004P4Novel007_8Table3
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GATCTCGCTCTTCTCGCTCAAGATCTGCATCAAGATCTCGTTCTCGTTCATTT

>SEQUENCE:2676:prostate_MPM2000-004P4Novel007_8Table3
ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAAAGT
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AGCAGTGGGAGGTGGAAGGATAATAAACAGTAGGTGAGGTTAGAGGGGACCAAATCATGT
ATTTTCCATCCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTT
AAAAAATACCAATGACTGGGTCCCAGCCTAGAGTGATTAAATCAGAATCTCTGGAGGTAG
ACTTGAGAATCTGATGTTTGCAAGTTTCCTAGGCAAGTCAAGGCTGAGGAAGACTGCTGC
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CAGCCAGCATTCTCTTATGGCACAAAT

>SEQUENCE:2677:prostate_MPM2000-004P4Novel007_8Table3
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ATTCATGTAGGATATTTTGAGTAGGTAATTGGATAACCAGCATTATATACTCGCATCCTA
CTAGTTTGACTCTCACTAATAAGACTTGTCAAAGATCCAAGAATCTGAAAGTTGATGATA
AATGTCCATGTGTATCACCATCAATGATCAAAAGTTAGCATCCACAGACATAGAATGGGA
CAGATGAACTTAATGGATAAAGATGAATATCGGAGTTGTTCTTTAGGGAATGATACTC
TCCATGACCTGTGTGAGTCACAGCTGCCAGAAAAGAGCGAGCAAGGAGCATATGAAGGCA
GCACAGCAAATTCAGTCCTAGAGTGCCCTGCTTGACTTCATGTCATAGTTCTGACTTCTA
AAAAAATCATTTTCTGCAAAATACACTTTGATTTTTTCCCCGCTTGCAGCCTGCAACCAA
AC

>SEQUENCE:2678:prostate_MPM2000-004P4Novel007_8Table3
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AGCTTCTACTTTGGGGAGATTAAGATTTATCTAGAAGAAATGCATATGCAAAGACCAAGA
AAGATGAAATATTCAACTTTTTGACTTTTCGGAAAATAAGATACTGCATCAAAACAAGAGC
TCTGCAAATCAAATTATGTTGAGAACAGATTGCATAAAACTTTTACCCCTTTATCCTCTC
TTTCCCATCTCTGCCGAGCTAAATTTTATTAGTTATACATAAAGACGACCTAGGAGAAAG
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AAAAGAAAGAAA

>SEQUENCE:2679:prostate_MPM2000-004P4Novel007_8Table3
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ATGGGGAGAAAGGTTGGCTGGTTGTTAATAAAACAGTAGAGGATGAGCATGTATTATAAA
TGCTGGTGGGAAGAAACCTTGTGGCAAGGAGGGTGGTAGTTGGAGAAGAAAGAGAGGA
TATAGTAGAAAGTTAAAGAGGAACTGGAAGCAGGTGGGATCCAGGACATAGGAAGGGGAA
GAGCCTTGGGCAGAGGTGAGACATCTGCAGGAGGGAAGGAACTGAGAGAAGGGAAGGTGT
GCAAATGTGGTAGGAGGAGTTTGAGTAAAGTTCCATCTGATATCCTCTATTTTCTCTGTA
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>SEQUENCE:2680:prostate_MPM2000-004P4Novel007_8Table3
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TGGAACGCCAGACAAACAAGGTCTCTAACCTTGCCATCTTTCAACAGGAACACTCCCC
TCGCCCCACCCCAGGGGAATGTAGTAGTGAATGGTAAAAACATAAAGAGAACTATACGG

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ACTTCACCGAACTGACATGAGGTTTAAATGCGATATGGCAGACAAAGCATATAACGGTAG
AAAAAGTGAACACTTAAGAAATGTTTAATTCCCATCGCCTTTCCCAGTGTGATCGCTCAG
CAGCTAAATTACTGTTAAACACTGGCTATCTCATGCTATATAAATCTAAGACACGATAAT
AAGCAAAAAACAAAATAATAACAACAAACATTTTTACTACTTATCCTCTCTAGACTCTT
ATTAGAATATCCCTGGGCAG

>SEQUENCE:2681:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGAAAAA
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ATTGGAGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGG
CTATTTGCCTCAGGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAAT
TCAATTAGGCAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCT
GCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTAT
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>SEQUENCE:2682:prostate_MPM2000-004P4Novel007_8Table3

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TTAAGTAACTTGTCCGAATTATTAAGTGGTGAGGTAAGGGCTTATATCCAGGTTTTCCGT
CTTTAAATACAAGATTTTAAACATTATTCCACATTGCTTCACATGCCTCAGATTGTGACCA
GCTGAGGGAAATTGTAATTTTCTTTCTAATAGGTAATCAGGTGCTCCCTTTCAATATTA
ATTTTACATAGGTAAACTTTGTAAAAGTAAGCCAAATAGTATATATAGATATTCCAAATG
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>SEQUENCE:2683:prostate_MPM2000-004P4Novel007_8Table3

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TTCTCCAAGGATCTTCCTTTGGCATCGACCACATTCAGGGGGCAAAGAATTTCTCATAGCA
CAGCTCACAATACAGGGCTCCTTTCTCCTCTACAAATCCAATGTAGGCCATTGTATTTTT
GCAGTGAGCGCAGTTGAATTCTTCTGGGTGCCAAGATTTCCCCAGTGCCACTAAGAATGG
TCCTCTGACAGAAGAAAAAGAGGCCAACTAAGTTTGAGAATAAAATTTCTAGAGTTAGCC
TGGATATGGACCTCTTTTATGCAATGTCCAACCAATTAATACTTGCTCAATTTTCTTC
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>SEQUENCE:2684:prostate_MPM2000-004P4Novel007_8Table3

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TTATAAAGACAGTGTTGAGGCAGCCCAGTGCAGCGGTTTGGGAGCCAGGAACAGCGTGTG
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CCCCGGAACGTCATCCTGGGAGCTTGAGATTTTATTCTACATTTCTTGTCTTAACTA
TTTAGGGTGATGGATCTCTGCAGTAAGTGGAAGAGTTCTTCATGGCCCCCAAGGTTATAT
CCATCTAGAACTTCAGCACGTAATTTTCATCTGGAAATAGTGCCTTTGCGGATATAAGTTA
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>SEQUENCE:2685:prostate_MPM2000-004P4Novel007_8Table3

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TGAACACACACACACACACACACCACCCCTTCTTTAAAGAAAAAAGAACCCATCCCCTTG
ATATAAACTGTTAGACTCGTTTTTCAGAATGTCTCTTGCCATTATGTCAATTCAGCCTGCA
AACAAAATTTAACATTTTTGTTTTTTTAAAAAATCAACTTTTAACCAAACTTCTTAGA
ATTATTTTTCAATATTAGCATAAAATATTTGTTGGTGTTTTGCTATTATTTTAACTGCAG
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>SEQUENCE:2686:prostate_MPM2000-004P4Novel007_8Table3

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CCTCCTGTTCTTTCTTTTGTTCCTTTTCCCCAATTTTAACATAAGGCAAAAGCAGTAATTGA
GCAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGATCACTAACTGAATT
CCCCCTTTATAATCTGAATAAATTACCCCAGTATGAATTTGGACTCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGA
ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAAGACCATTGTTGGGTGGAACATAAATCTACT
GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
GAAGTGGTGGTATTTTCTGTAGGGGTTGTTGTCCTTGAACACCCTGAAGAACANACAGTT
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>SEQUENCE:2687:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTAATCCTGGTTGGTTT
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CTTACCTCAATCCACACTCAAAAATAGTTTACTATATGACAGATCTATGGCAGGCAGATT
TGATGGCTCAATGAACTCCACCCTCCCAGTGTTTACACCTTTATGTAGTTCCCACTTACA
GGGAGCCAAAGGTCCGTGGGACGTGACCAACTCAGCATTCCACTGGAGGCTATATGATCA
AACAGTAACTGTTTATCATGAATGCAGGATGTGAGCAAACCTCACCATTGCTCCTGCCGA
CAGAAGGTTTTCTGGAGGCAATCACTCCCTGGTGCTGAGGTTATCTACTGCAACATTTAG
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>SEQUENCE:2688:prostate_MPM2000-004P4Novel007_8Table3

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CATGGCAAGTTTTTTCTAATAAGCAAAATAACCAACAGCTTAATATATTTGTATTAACT
CTAACAGTGCCTAACTTTAAATGTTGAAATAGATTACACATTTTAGGGCATAATGGCAG
AATATTTGGCTACAATAGACCATAGGATTTTGTGAAAGCAAATAACAAAATGATGATTTA
TCATTTTAATGCAAACCTCAATTTTATTGTTTAATGGGAATTTAATTTTTGTCTTTGGGAA
ATCTTTTTGAGTAGCTGATTTT

>SEQUENCE:2689:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGGAAA
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CCCCGGCTCTGGCAGAGAAACCTGGGTTTCGACTTGTGAAGCTTGAGGTTGGATGTGGGA
ATTGGCTTGGAGTCATAGGCGATGAGAGGGGCATTAGGATATTATGAAGCCCGTGAATC
AACTCCTGAGAAGGACACAGCAGAGCGAGAGAAAAGATGGAATAAAAAGGCCTACCTCAT
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>SEQUENCE:2690:prostate_MPM2000-004P4Novel007_8Table3

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TGGTGGCCCTACTACGTCATTATCATTGTGGATTTTGGATTGCAGAATATTGAACTGACA
CATTTTTTGTATGGCACATGTCTTGAGGGAGAGACTGCAGTAGGGCAGGTGAATCTTTGCC
ACCTGTGCAGACCCTAATGTTTGCCACAATGTTTGTATCTGGTTGACAGCTGAGCGTGAG
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>SEQUENCE:2691:prostate_MPM2000-004P4Novel007_8Table3

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GGCTGAGGATACAGCGCCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGT
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>SEQUENCE:2692:prostate_MPM2000-004P4Novel007_8Table3
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GGATACTCAAGCAACTCTGTGGAGTGTTCCACATGGAGAGGAAGTGCCGAAGACCCGCAC
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>SEQUENCE:2693:prostate_MPM2000-004P4Novel007_8Table3
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CAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAG
GACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACT
GCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGC
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>SEQUENCE:2694:prostate_MPM2000-004P4Novel007_8Table3
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ACAACTCTTTTCTGTTTCTCTCAGTAAGAGATGCATTATAATTCTCTTCCCACTGAGTC
TGGGGTGGCCTTGGTGTATCGTTTGACCATTAGGATATAGCACATACTGGGACTTCTGAA
CATAAGTCTTAGGCATTGCATCTGGCCAGACGAGGTGGCTTATGCCTGTAATCCCAGCAC
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>SEQUENCE:2695:prostate_MPM2000-004P4Novel007_8Table3
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ATCGTCCTATTTTCTTTTCTTTACCACTGACAGCGGCTTATTTTCATATGAATAATATAT
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GTCTATCTGGGGAAATGAGTAATTTTTCATATCCTGTTCTTGCAGGAAGAATTTTAAATC
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>SEQUENCE:2696:prostate_MPM2000-004P4Novel007_8Table3
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ACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATGCAGTGCAC
CACCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGAGGATACA
GCGCCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGGTATGGTG
CCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAAGGAGGCC
GATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGTCTTATTTT
CTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGGATAGAGACTCTGT
CCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACCTGCGTTTGAGGTTGGA
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>SEQUENCE:2697:prostate_MPM2000-004P4Novel007_8Table3

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AAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATC
CAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAG
GACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACT
GCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGGAGCCCTGTATTGGGAG
CTGTGCTATGAGAAATTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGA
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>SEQUENCE:2727:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT
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CAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGA
AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
CTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACC
ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
CTATGAGAAATTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGT
CATCAATGCGTTGAAACAACTTGGCATGTTTCCTGTTTTGTGTGTGTAGCCTGTGGAAA
GCCCATTCGGAACAATGTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTA
TTATGCC

>SEQUENCE:2728:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTT
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ATAAAGGTAAATTTTTAAAAATTTAAACTACCAAGATCACTAATCCTATACTAACAAAG
CATGAGATTTCTCACATCAAAAAAAGTCTTCTGTGAGAGCCATTTTTTGAATAGT
TTAAACACAAAACATCTGTATTTTATTATGTGAATGCGCTTGAGATTTTAAGAATATAT
CTTAGCAAGGAATAGACAATACTGAATTCCTTTCCAGTGATATCCTAATTTAAAAATA
GCACCAAAATTGGCAGGGGGTGGTGGCTCATGCCTGTAATCCC

>SEQUENCE:2729:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGACATC
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GGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGC
TAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACCA
TTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAA
AATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGC
TATGAGAAATTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGTC
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>SEQUENCE:2730:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGGGA

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GGAACAGAGTCCCTCCTTTACTTCTCCATTAGAAAGAATGAGATGGCAAGACAATGAAAC
AGGCAAAGTGGACAGAGATGCAAGACAAAATTCAGGTGAGAGAGCCAGAGCATCACTCAG
CCATTCCTGACATGTAAAACAGGCAACTAGAAATTTGCAGAAAGGAAGCGAGGTCTCCAT
AAAGATGTTTTTAAAGTGAGCTTGAAGTATTTGGAGACAATTCAGTGTTACATAAAATCT
GCAAATCTCTGGATAAAGAAGCAGAGATCCCAGCATGGGACAAATGGAGCCTTAAAAGTG
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ATAAG

>SEQUENCE:2731:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGCT
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TTCCACAGTTCAGTTCTTCCTGAAAACAGGGATGATGAACTTGTAGGATCAGGACAAATG
TGTGTTTTTCAAAAACCTTAAGGCTGGGTGTGAAACACCTTCTGTGGACAAGGATTTGTAA
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CTAGACACTTAAATAGCATCTATGTC

>SEQUENCE:2732:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC
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CAAAGAACAGCAGGTGAGCAGGAATGACTAATGTTTTCTATGCATGTTTAATGGAATAT
TCGTGTAGGATATTTTGAAGTAGGTAATTGGATAATCAGCATTTGTAAGTTGCATCCTAGT
AGTCTGACTCTCACTAATAAGACTTGTCAAAGTTCCAAGAATCTGAAAGTGGATGATAAA
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CAGATGAACTTAATAGATAAAGATGAATATCGGAGTTGTTCTCTTAGGGGAATGATACTC
TCCATGAGCTGTGTGAGTCACAGCTGCCAGAAAAGAAAGAGCAAGGAGCGTATGAAGGCA
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>SEQUENCE:2733:prostate_MPM2000-004P4Novel007_8Table3

GCGCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGG
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CTGCTATAGCAGCGTTAGCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTG
GGGCTCTGAAAATGTCTTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATC
ACCCACCAACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGA
CACAACTCTTGAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGT
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ACATGAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTC
CAGATATGGGAAGCTTACAGTTTTCAAGCAAAGCTTTTTAGAAAAAATTATGGAAGTATT
TTAAAGAGAGCTAAACATTTCTTTGCCTTAGGCAGAATATACAGAACACAGATTCACCTT
TTCTGTACCT

>SEQUENCE:2734:prostate_MPM2000-004P4Novel007_8Table3

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GTCCAAATTGGAGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAG
TAAAGGCTATTTGCCTCAGGGCCTGGGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTA
TTAATTCAATTAGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAG
ATGCTGCTCAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGG
CCTATGAAAATGCAAATCCAGAATGTTTCAGTCGGCCATAAAGCCATTAAAGGAAAAGTT
CCAGC

>SEQUENCE:2735:prostate_MPM2000-004P4Novel007_8Table3

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C

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CCTGTGACCTTGTACCCGGCAGTGGAAAGTTACCCTTGGCTGCAGCCACGACTTCCGCA
TACTCTTCAGAACTTGCTCTGCCCTTGAGTTTTCCAGCTTTCCTTTAATGCACTAAACCT
TTAATATTGTATTCTCCTAAATGAGACGTCTCGCATTGAGCAAGTAACACTCGGATCTT
CCCCATTTACGGAGAGACATGGATGAGAATGAAGGCTGCTGAGTGGGAGGGGCTTATGG
GGCCAGTTTTGAAGAGGCCTCATACCTTTTGGCCACATTCCATTGGCCAGAACTTTGTCA

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TATGACTGCACCTAACTACAAGGAA

>SEQUENCE:2736:prostate_MPM2000-004P4Novel007_8Table3

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CGGAGGATAATTGGATGAAGGATTATTTCTTCTTTGTTTATGTGCAAGAAATGAAGATA
AGGAATTGCTTTGATCAGACAACCTTCTTATCTTTGTGGTAGAAACAGAACTGCCCTTCTT
GGAGTGGCTCTGCCTCTGAGATCACTACAGGGGAGACAGCATGCCCTGTTTCAGCTGGCTG
AATATTTGGCAACAATCTCCTGAAGCAGCTGGAATTGACAAGAAGTACCTCGGCCGCTCT
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CTCGAGGG

>SEQUENCE:2737:prostate_MPM2000-004P4Novel007_8Table3

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GTGCAACTATGTTTCCAAATTTACTTGATTTTCAAGACTTACACTAGAACCGTGAGAACA
GGGTAATAAATAAGCATATGTATTAATATCACCTTTGGTCAACTCTTGGGTAGCCCCAAC
GGTAGTGTAGGAATTAACGTAATTTTCTACTAAAAGTATTGGATTTGTTTTGAGAGAC
CACAGTTGAAAATCATTGACATACAAAGTTTAAAAATTGTTAGGTTAAAAAATTTTAAAT
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TTTCTTGATA

>SEQUENCE:2738:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACA
GAGACAAGTAGTACTTATCCCAAGTCACACAGGAGTTAGAGGCAGGGCCAGGACCCAAA
CCCAAGTTTCCCTTTTATGAGTCAGCTCATTTCTGTGACTCCATATTAAGATACCACT
CTGAATTTGCCTTGGAAGCTGGCGCTTCAGTTTATAACACAAATTGACACTTTAGGAAGA
CAAGAGAGCTTTGTATTCTCCCTGCAATCATTTACTCAGTCAGGAAAATACTAAACACTG
TCTTTGCGTAGAATATAATGCTACTGATGTGAGGAAAAGAAATCCAGTGCCTGGCACATA
GAAAAGGATAGATACACTTTTGTGGGAGGAAAATAGTGGTAAAACATGGACTGGAGTC
TCAGCTCTAC

>SEQUENCE:2739:prostate_MPM2000-004P4Novel007_8Table3

GAGCGCGCGTAATACGACTCACTATAGGGCGAATTGGGTACCGGGCCCCCCTCGAGGTC
GACGGTATCGATAAGCTTGATATCGAATTCCTGCAGCCCCGGGGATCCACTAGTTCTAGA
GCGGCCGCCCCGGGCAGGTACACTGTTTCCATGTTATGTTTCTACACATTGCTACCTCAGT
GCTCCTGGAACTTAGCTTTTGTATGTCTCCAAGTAGTCCACCTTCATTTAACTCTTTGAA
ACTGTATCATCTTTGCCAAGTAAGAGTGGTGGCCTATTTGAGCTGCTTTGACAAAATGAC
TGGCTCCTGACTTAACGTTCTATAAATGAATGTGCTGAAGCAAAGTGCCCATGGTGGCGG
CGAAGAAGAGAAAGATGTGTTTTGTTTTGGACTCTCTGTGGTCCCTTCCAATGCTGTGGG
TTTCCAACCAAGGGGAAGGGTCCCTTTTGCATTGCCAAGTGCCATAACCATGAGCACTACT
CTACCATGGTTCTGCCTCCTGGCCAAGCAGGCTGGTTTGCAAGAATGAAATGAATGATTC
TACAGCTAGGACTTAACCTTGAAATGGAAAGTCTTGCAATCCCATTG

>SEQUENCE:2740:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCTGTCTTCCA
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CTTTCCATTTTCGTCTGCGTTTAGTAAATGCGTTAACTAGGCTTTAAATGACGCAATTCT
CCCTGCGTCATGGATTTCAAGGTCTTTTTAATCACC

>SEQUENCE:2741:prostate_MPM2000-004P4Novel007_8Table3

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATCTACC
TAAAGGACTATTATGTGAATAATACATACTAATGAAGTATTACATGATTTAAAGACTAC
AATAAAACCAACATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCA
AGTTGAAAAATAGCATATGCCTTGGAGGAAATGTGCTCAAATTAATAATGATTTAGTGTT
GTCCCTACTTTCTCTCTCTTTTTTCTTTCTTTTTTTTTATTATGGTTAGCTGTCACATAC
AACTTTTTTTTTTTTTGAGATGGGGTCTCGCTCTGTCAACAGGCTGGAGTGCAGTGGCGC
GATCTCGGCTCACTGCAACCTCCACATCCCATGTTGAAGTAATTCTTCTGCCTCAGCCTC
CCGAGTAGCTGGGACTAGAGGAACGTGCCACCATGGCTGGCTAATTTTCTGTATCTTTTA
GTAGAGACAGAGTTTACCATGTTGGCCAGGA

>SEQUENCE:2742:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTATAGATTATTG

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TCTTGAAGAAGAGCTTTGATATGTTTCAAATTTCGACGTTGGCTTTGGAAGGAACTGTA
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GAACTCACTGCTATTTTTTCAGTTCTCCTTTAAGTGACTAAGGAACATCCAGATACTTCCA
AAAAAAAAAAAAAGTCTAAGTTTTTCACTTTGTCCATTGCCATTTAATTATCTTCTGCATA
TTTTAAAGCATTTCTGTGAACATAAGTATTGCCCATCCAGAAAATTTGCGTCTACATTG
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>SEQUENCE:2743:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTGAGTGAGGCGTCGGCTG
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TTGGCCCCTGAGCCAGAGCTCCAGCAGCCTTGTTAGGGCGTGGCCTGAGGCTTGGATAAG
TGGGATGTAAACGAAGATCAGGAGCAGATTTGAAGAATTACAAAGTGAATTGGTGCCAG
TCAGCATGTCAGAGACAGACCACATAGCCTCTACTTCTCTGATAAAAAATGTTGGGAAAA
CACCTGAATTAAGGAAGACTCATGCAACTTGTTTTCTGGCAATGAAAGCAGCAAATTAG
AAAATGAGTCCAACTATTGTCATTAAACACTGATAAACTTTATGTCAACCTAATGAGC
ATAATAATCGAATTGAAGCCCAGGAAAATTATATTCCAGATCATGGTGGAGGTGAGGATT
CTTGTGCCAAAACAGACACAGGCTCAGAAAATTCTGAACAAATAGCTAATTTTCTAGTG
GAAATTTTGCTAAACATATTTCAAAAACAAATGAAACAAAACAGAAAGTAACACAAATAT
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>SEQUENCE:2744:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAACTCTGGCTCCATGGCTCCTCA
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AACCAGTCTTTGTTCTTAATTGGACATTTGTTTCTGCAAACAGCTTACCATACATTCAAT
TCCAAAGTTATCAGAAACCTACACTCTTATCTCACAAATTTAGAGGTGTGGTAGATCATC
TCCAAAGATGGCCACCAACAGTTGCTCTCATCCTCTGTGCACGTGCTATTTCCAATAAGG
TCTATTTTTTTCTACAGTGAGGGCTGAACTTGTGACTTGTGTTTGAATAAGGATATGGA
AGTGATATTTTGGCAGCTTTCCACTTTTGTCTTGAAAATAAGCTGA

>SEQUENCE:2745:prostate_MPM2000-004P4Novel007_8Table3

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGCAGGTACCCTCCAACACC
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CAGAGGATGGACATCTCACCCCTTGCCATACAGATAAGTAGAAAGGATGGTATTCAAAT
TAATGGCCAGACTCTAAGTCCCAGATACTATACTTCATGGTCTTCCAACCTCTCAAAAAGT
TGTGGGAGTTTTTTTTGTTTTGTTTTGTTTTTGGAGACGGAGTCTCATTCTGTTGCC
CAGGCTGGAAGTGCAAGTGAGTGATCTCAGCTCATTGCAACCTCCGCATCCCAGGTTCAA
GCTATTCTCCTGC

>SEQUENCE:2746:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGCAGGTAC
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ATTATTTATATGTTGCCTTGTTTAAAGGAAGAACACAAAAATGCCCTGCTAAAGGGATT
TGTTTGGCTGCAGGCAGCAAGAGGGGAAAAACACAGAGCATATTTTGCAGAAAATGATT
TTAGAAGTCAGAACTATGACACGAAGCCAAGCAGGGCACTCTAGGACTGAATTTGCTGTG
CTGCCTTCATACGCTCCTTGCTCTTTCTTTTCTGGCAGCTGTGACTCACACAGCTCATGG
AGAGTATCATTCCCTAAGAGGAACAACCTCCGATATTCATCTTTATCTATTAAGTTCATCT
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>SEQUENCE:2747:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGCAGGTAC
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CAAAGAACAGCAGGTCAGCAGGAATGACTAATGTTTTCTATGCATGTTTAATGGAATAT
TCGTGTAGGATATTTTGAAGTAGGTAATTGGATAATCAGCATTGTAACTTGCATCCTAGT
AGTCTGACTCTCACTAATAAGACTTGTCAAAGTTCCAAGAATCTGAAAGTGGATGATAAA
TGTCCATGTGTATCACCATCCATGACCGAAAGTCAGCATCCACAGAACACAGAATTGGGA
CAGATGAACTTAATAGATAAAGATGAATATCGGAGTTGTTCTTCTAGGGAATGATACTC
TCCATGAGCTGTGTGAGTCACAGCTGCCAGAAAAGAAAGAGCAAGGAGCGTATGAAGGCA

Table 7
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GCACAGCAAATTCAGTCCTAGAGT

>SEQUENCE:2748:prostate_MPM2000-004P4Novel007_8Table3

CACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTAACTAGAT
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CTCATGTTTTACTTATGGGGGATATATAACTTCCGCTGTTTTTCAGAATTATTGTATGC
AGTCAGTATGAGAAATGCAATTTAAGTTTTCTTGATGCCTTTTTCACACTTTCTATTAC
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>SEQUENCE:2749:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGGGGCCATTGAGACTGCC
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CTCTTGACAAAGATAGACCACTGGAACAATGAGAAGGAGAGAATTCTACTGGTCACAGAC
AAGACTCTCTTGATCTGCAAATACGACTTCATCATGCTGAGTTGTGTGCAGCTGCAGCGG
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CTGGACAAGAGACAAGGAGAAGGCCTTAGGATCTACTGGGGGAGTCCGGAGGAGCAGTCT
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>SEQUENCE:2750:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGGCTGGCCACC
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AGGGCTTTATCTTTTCATCCAATTCAGCAGAGGCTCAAATTCCTTCTCAACTGCTTCACGA
CTCTCCTTAGTTTTCTCACTTTCATCGAACTTCACTCCTTCCCTTGGCAACATTCTGGAAC
CTCTTCCCATCAAATTCGGGAAGGGCCTGAATACAGTATTCATCCACAGGTTCTGTGAGG
TAAATAACTTCATAGCCCTTCTTCAGAAGTCGCTCAACAAATGGAGAAGATTCAAGCCTCT
TTTCTGCTGGACCCAGCCATGAAGTAGATTTTGTCTTGTTTTTCTTTCATTCTTTCCACA
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>SEQUENCE:2751:prostate_MPM2000-004P4Novel007_8Table3

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GCAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGATCACTAACTGAATT
CCCCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGAATCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATAACCCTCTAGGA
ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAGACCATTGTTGGTGGAAACATAAATCTACT
GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
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>SEQUENCE:2752:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCT
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GGAATCACTTCACCCATAAATAAGAAAGGTGAACAGCACATGGGGCCTGTAGATGCCTTT
TGCAGGGCCCTCTTTTCTCTTCTAAAGTTGCAATTTGAGTATTTCTCTAGATGGGCAC
ATCATAGAACTGTCGTCCTAGATCAGAGCCTGGGGAGAGAGATACAGGTGTCATGCTTA
CATCTGCAGAGTGGGAACAAGCCCAGAAAAATCAAGATGATTAAGCAGAGAGCTTCCATA
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TAACTGCTTTAACTAAGAAGTAAAGGAACTGATGCCCCAGCAGAG

>SEQUENCE:2753:prostate_MPM2000-004P4Novel007_8Table3

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GGTTCCCTCCTGACTCTTGCTTCCCATTTGGGTCAAATTTTATTCCACAGAGATCTAATGC
TTCTATACATTTGGCAACTTGGTAGCTACTCAAGAAGCCATTTCCCAAGCCCTGTTTTGT
GGCATTTCATCTAAGACCAGAAGTGGAGGGGAGATTCAGCAGGTGAGACTACCAACCAAG
AGAGAAGGAGGCAGCTGAGGGAATGTAGAAAGCATACAAAAAACAACAAAAAACA
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>SEQUENCE:2754:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGT
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TGGGGGTTTTTCATGTGTATAGGGTGCCTGCAGCTACACTAAACATCTTAAAGCTACCACA
ATGTTCACTTCATATTTTTGCTTTTTATAGGCTTTCTTGGTCTCCTCCTATGTTCCCATC
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AGGCTGAGAACTGTTTAGCCAAGTTTGGATAAAATTGTATCCAAAGTAAGAGTATACAA
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>SEQUENCE:2755:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2756:prostate_MPM2000-004P4Novel007_8Table3
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CAAGCCACTGACACTTCTATGGGGAGCTGTAAATAGACCTTTGGCATTGTCCCAAGTTGG
GCCAATATGGCCAGGCCTTTACAGGCTCACACATCATTTATTGCTTGTGGGCCACTCCAG
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>SEQUENCE:2757:prostate_MPM2000-004P4Novel007_8Table3
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AATGACTGCATGCAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCAC
AGTGGGCGGCTGAGGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGC
TGTGGGTTGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTA
TTGAACCTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTAC
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>SEQUENCE:2758:prostate_MPM2000-004P4Novel007_8Table3
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TCCACACTCATGTATGGTGGGCATTTGAGTTTTTACTGGAGTGAACAACCAATCAAAGTC
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>SEQUENCE:2759:prostate_MPM2000-004P4Novel007_8Table3
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CGGTAATATGAGCCATAAGGAGTGGCTGTAAATACAGATGAAGCTTCCCTGGCTTGCCTG
CTGCTCACCTCCTCCTGTGTGGTGTGGTTCATAATAGTCCATGGACTGGTATGAGTGTGT
GGCCTGGGAGTTGAGGACCCCTGCTCTGCGTGGTCTACCATAGATAAAAAAGTAAAGT
AAGGAATTTTTGATCACAAAAGAACTGAAGCACAAAGTCATGTTACATATGCTTGTCCC
AATAAGGTCTCACTATTATTGACTTCATTCTCCTCATTTGAAGTTGGAAAGAGATATAT
TTACTTTGTTGGAACAAGATGTGTTCTTCTACCTGCTGGTTAATTGTCATCATAACAGTA
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>SEQUENCE:2760:prostate_MPM2000-004P4Novel007_8Table3
CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCCCATTGTAAA
TCACATTTTTAGATAGTCCAGTGGCCAAAGCCCCCAGACGAACAAAAACACTCGTATCAG
CCAAGACATGCCAGAGGCCTAGTGATTGTTTCCCAGTAGCTGAGGGCAGAAGCCAGACCT
CTTTCAATAAGGTTGATCTTTCACTGTATTAACACTGTATATAAAGGACTTTTATAAAAG
CTTGTAGTTATGGTGTATTGTTCATCATCCAGTTTAATGCCCTCTTTTTTCCAGTAAGAA
AAGAAAGGTCTGGGATAATCATGTTAATTGATTTGTTTACATTTTTTATTTTAATTAGTAG
CACAACCTGAGAGTGAAAATGGAACCCAAATAGTCCATCTTTAGCATAATACTTTTTTTTC
TCCTCTAGTGGAGCTTATACCTTGCCAATT

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>SEQUENCE:2761:prostate_MPM2000-004P4Novel007_8Table3
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AAACTGAATTTTCTTTTGAACATTTTATTTTAAATGAGGAAGTAAAATTCTCAAAT
GATACAGTTGCTGCTGCAAAGTATGAATAATAAGACTGAGGGAGGTAAGAGAGAAAGGAC
TAGTGCAAGCCCTAACAAAAGCCCTGTACCAGATGGAATAATGTTTTTGGTGATCTGGCTG
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TGAGGAT

>SEQUENCE:2762:prostate_MPM2000-004P4Novel007_8Table3
TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC
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AGACTGTTACATTATGCTCATACTTCCACATATCCCCAGAACCTAACATTTTGCCATATA
TTTTAGTAGATACTAAATTATGTTTGTTAATTAGGATGCTGATGGAACCCATTATTTAGC
AGTTTTTCCCTTACATTTTAGGAGGTGGTTTTGCCAGATAAATAATGTTTAATTTTT
TTTCTAATTTAGCTTATTGACATGTGTGTGCAGAACTGTGGTCCAAGTTTCCAGTCTCTG
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TTGC

>SEQUENCE:2763:prostate_MPM2000-004P4Novel007_8Table3
GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTTCGCGGGGCTGACCACA
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CACAGCTGCCTAATTTTGAGAAACAGGGGCCGAGCCATCAGATGTAGGGGAATGGAAGCT
GATGCCAACGGAAGCCCGGAGGTAACTAGGGCCCCGGAAAAACGAAGAGGAAACAGAAA
TTATGAGTAAGCAGCGGAAGTTGATACTACTCCAAGATGGAGGCTAATCACTCTGAACA
GCTCTCAGCGGAACGACAGTCAACACCTCCAGGTGACAGTTCATCATTACCCAGTCACAA
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G

>SEQUENCE:2764:prostate_MPM2000-004P4Novel007_8Table3
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CCTGGGAGGAGGAGGTTGCAGTGAGCTGAGATCGTGCCACTGCACTCCAGCCTGAGCGAC
AGAGCAAGACTGTCTCAAAAAAATAAAAAAGAAAAAATAATAAAAAGGAAAAACAAGCC
TTTAGAAAAACAAGCCTTTGAAAAAGGATGTAAAATTGAATATATAGATACAATTATTT
TTAAAAAGTTTTATAGAAAAATATCCTGGATTGTTGATGTTGTTTTAATATATTTTAATC
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>SEQUENCE:2765:prostate_MPM2000-004P4Novel007_8Table3
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GTAGATAAGAGGACATTTAGAAAAATCTAGTAACATGTGGATTATCCTTAGCTATTTT
GCTGAACCTTATGATAACGTCAGAAAATACTTTTTACTTGGTTATTTTCCAACCTTGACCC
AGTTTCCCCTGAAAAGCTGCGAACTATAATTACCTGTACGAAGAATTGCTTCATTCCAGT
AATGAAATAAATCTCATTTTTTCTCTGGTTGAGTCTTTCTTGGGCCCCCTTCAAAGTTGC
ATACATTAACCTGACCCATCCAACCCAGGGCTGTAGAGCCAAAGTAACTCCTAGGAAAC
CATCAGTGCTGGAAAAAAGGGTCTGGGAATCCTAGCTTTGGCCCTAAGGAGATACACGAA
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AAGTTTTTAACAGTGTAGTTTTTTTGGGTATGACCAAGTTGGCCACAATTATAGCAGGCT
CCAAGAAAAGAATCAGTCGAGCCAGTTTGGTTGCCGTGCTTCATGGCCGGTGCCACAGA
ATAGCTCTGTGGGTCTCCGATCCAACGCCTTCACAAGCTTTAATATATGCAGGCAACACC
TCATGATCAGGTAAATTTTACGATAGGATGGAATGCACGGCCATTTTACACTCATGGTTC
GCATTTTGAAAAGCTAACATATGAAGAAGAATACCTTGAGTGTGCTCATCAGAGACAGAT
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TTAACAATAGTAAAAGAAACAGAAGC

>SEQUENCE:2767:prostate_MPM2000-004P4Novel007_8Table3

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ATTGGAGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGG
CTATTTGCCTCAGGGCCTGGGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATT
CAATTAGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTG
CTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATG
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>SEQUENCE:2768:prostate_MPM2000-004P4Novel007_8Table3

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GCCTGAAGCTGATTCTATGTCCCGGACACGTATTGACCTTCAGGCCAGCACTGTCCAGTG
GAAATGGAATGTGGACTATGAATGCAAGCTACCTATGCCATTTTAAATTTCTAGTAGCC
ACAGTCAAAGAGGAAAAAGAAACAGACTACATTAATCTTAATAATACTTTTTGGTTTTT
GTTTTTTTCAATTTGAGAGCAGGTACCTTCGGCCGCTCTAGAACTAGTGGATCCCCCGGG
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>SEQUENCE:2769:prostate_MPM2000-004P4Novel007_8Table3

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCTGGTACG
C

GGGGGCCTCATTTTCAGCTCAATAAAACATCACCAAATTCCTTAGGCAGAAAAAGGGTGG
GGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTTTTCTTTTCACATCA
ATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAG
GAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCT
AACTCTAGAAATTTTATTCTCAAACCTAGTTGGCCTCTTTTTTTCTGTTCAGAGGACCAT
TCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAA
ATACAATGGCCTACATTGGA

>SEQUENCE:2770:prostate_MPM2000-004P4Novel007_8Table3

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GCAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGATCACTAACTGAATT
CCCCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGACTCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGA
ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAAGACCATTTGGGTGGAACATAAATCTACT
GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
GAAGTGGTGGTATTTTCTGTAGGGGTTGTTGTCCTTGAAAACCTGAAGAACANACAGTT
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>SEQUENCE:2771:prostate_MPM2000-004P4Novel007_8Table3

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AGCAAAGACATCTGGATTTTAAATTCTGTAGGGAATAGCTGACCAAGGTATATGATTACA
TGTCTGCTTTTTAAACAGCTTTGTGATTTGAAATGCTGGGTTGTTATTGTTTTTTTTGT
TTTTGTCTTTTTTTTTAAAAAAGATGGCTAACTCTGCCAACCATAGACAAAATA
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>SEQUENCE:2772:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAACTCATCCAG
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GAAATTTACAGCCTATGCAGATGTTCTGTGGTCTTAACATGTTGTATTCTCTTTGCCT
TGGCCATGCTTCTCCTCCCCTCCCAGCCGTTGTTCTCCCCCAGGAGAAATCTTCTCTTTT
TGCTTCTTAGTGGTTCTATTCTCAGTATCTGAAACTCTCATTTTCTGTGAAGTTTTCCCA
GGTGGTTCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG
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>SEQUENCE:2773:prostate_MPM2000-004P4Novel007_8Table3

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TGGAGCTCCACCGCGGTGGCGGCCGCCCGGGAGGTACTTCCAACCCTCCTGTTCTTTCCT
TTTTGTTTTCCCAATTTTAACATAAGGCAAAAGCGGTAATTGAGCAATTCTATCACCTG
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GGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCTCTAGGAATCTTTTGTGGGGGCT
TTCCAGGGAGTAAAAAGACCATTGTTGGGTGGAACATAAATCTACTGCGGTGCTGCCTGCTG
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>SEQUENCE:2774:prostate_MPM2000-004P4Novel007_8Table3

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ATTTTTTTTCCCATGATATGGATAATAAAGGCTGGATGTCTCTGACCTAGGGTGACTGC
AGTCTCAATTTACATCTTATGTCCGGACGTCCCATTCAATGTCGCATTCAATCCAGACAA
AAGCGTCCCAGTTTAGATGACAGATTATATGACTGCCCTTTTTTGTCTCAAGGTATGAT
CCAAAGGGAAGCATCTTTCTCTGCCATTGCTGTTTCCACGCGGGCCAACTGCTCAGATG
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>SEQUENCE:2775:prostate_MPM2000-004P4Novel007_8Table3

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TTTTAGGATATAATTTAATTGATATTCTACTATATACTGACATTGCTCCTTGATCATTGA
ATAAAAAAATACTCTCATTGCCAGAATTATGTTTTTGTAATATTTATAATTGAGGTAATA
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CCCAGAACTAAACAAATATGTGACTAAACATAGGTCATTTTTGATAAATGAATACTAACA
ATTTCAACATAATTGACAAGCTGATTACATCAGTAATTTATAAGAAAATTATACAATC
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>SEQUENCE:2776:prostate_MPM2000-004P4Novel007_8Table3

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ATGCAAGATAGGTTTCTGTATTTATACATTAAAATACCAAAAAAAGTATGAAATGCCT
TCAAAAATGTTCAAAGCTTGAGAGAAAAGCTTTTTTTCATTAGTCAAGGTGTTTTGATATG
GTATTAATAATATCTAACAAAATGAAAAAAATTTCTTTTTCTCCATGAATGCTGAC
ACTGGGGAGAATGGCAATTTTAGGCTGTCAAGAGCATACTAAATAAGTAAAATATCTAGA
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>SEQUENCE:2777:prostate_MPM2000-004P4Novel007_8Table3

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CAAAGAACAGCAGGTCAGCAGGAATGACTAATGTTTTTCTATGCATGTTTAATGGAATAT
TCGTGTAGGATATTTTGTAGTAGGTAATTGGATAATCAGCATTGTAACTTGCATCCTAGT
AGTCTGACTCTCACTAATAAGACTTGTCAAAGTTCCAAGAATCTGAAAGTGGATGATAAA
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CAGATGAACTTAATAGATAAAGATGAATATCGGAGTTGTTCTCTTAGGGAATGATACTC
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>SEQUENCE:2778:prostate_MPM2000-004P4Novel007_8Table3

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AACCGTAGAGATCAGATATTACAACAGCTTTGTTTTGAGGGTTAGAAATATGAAATGATT
TGGTTATGAACGCACAGGTTAGGCAGCAGGGCCAGAATCCTGACCCTCTGCCCCGTGGTT
ATCTCCTCCCCAGCTTGGCTGCCTCATGTCATCACAGTATTCCATTTTGTGTTGTCATG
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>SEQUENCE:2779:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGTAGCTCCACCGCGGTGGCGGCCGAGGTACCCAGCCAGGCGCACGA
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TCAACATTTTGCACCTTTCCAGGGCCCTTCGGAATTGGAAGTGCCTGTAGCTAAGCTGTTT
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TACTAGGATGTCAAACCCAGGTGATCAGGATACTCTCACGGACTGCCCTGCTCCCCCAG
GGCTCTCCCTACAGTGTAATCCTAAAGCCAACTTCCTTTCAGCAGTGGCTGAAGCAAAC
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>SEQUENCE:2780:prostate_MPM2000-004P4Novel007_8Table3

ACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCGGGCAGGTACTTTTT
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ACTCTTTGCTTATTAGTGGCATGATCTTTGGTTTGTCTTAACTCTCTGAACCTCTGT
CTCTTCATCTGTAAATGGAAAAAATAATGCACCTTCCTTGCAGGATGACAGTAAGGATA
AGAAGTAAATGAGTAAGCCATGGTGCCTGGCACAGAGTAGAACTCAATAAATGGCATCT
AGCATTATTTCCCTTCACACATACAGACAGATTGTAAGCTTCTAGAAGGCAGAAACCAGT
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CATA

>SEQUENCE:2781:prostate_MPM2000-004P4Novel007_8Table3

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GCAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGATCACTAACTGAATT
CCCCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGACTCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGA
ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAAGACCATTTGGGTGGAACATAAATCTACT
GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
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>SEQUENCE:2782:prostate_MPM2000-004P4Novel007_8Table3

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TTCCAGACTGATGAATGATGAATGCGATGGACTATTGTATGGAGCACATCTTCAGCAAGA
GGGGGAAATACTCATTTTTTGGCCAGCAGTTGTTTGATCACCAAACATCATGCCAGAA
TACTCAGCAAACCTTCTTAGCTCTTGAGAAGTCAAAGTCCGGGGGAATTTATTCCTGGCA
ATTTTAATTGGACCCCTTATGTGAGAGCAGCGGCTACCCAGCTGGGGTGGTGGAGCGAAC
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>SEQUENCE:2783:prostate_MPM2000-004P4Novel007_8Table3

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ATAAAAAAATACTCTCATTGCCAGAATTATGTTTTTGTAAATTTTATAATTGAGGTAATA
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CCCAGAACTAAACAAATATGTGACTAAACATAGGTCAATTTTGTAAATGAATACTAACA
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>SEQUENCE:2784:prostate_MPM2000-004P4Novel007_8Table3

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AGTAAGTTGGTGGGGGGGATGCTGAAGATGGGACATGGTTTGAGAGCATCCCATAGGAGT
GCTGGGCTGTGGCCTATAATACACCATGGGCCCTGTTCACTGCACTGCTCAGCTTATC
ACACTAGGGTGGCCCATACAGGGGTCCCCAATGAGGAAGCATGACAAGATGGACCACAAA
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>SEQUENCE:2785:prostate_MPM2000-004P4Novel007_8Table3

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GCAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGATCACTAACTGAATT
CCCCCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGACTCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGA

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ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAAGACCATTGTTGGGTGGAACATAAATCTACT
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TAACTGGGAATGCCCCAGTTTGTTG

>SEQUENCE:2786:prostate_MPM2000-004P4Novel007_8Table3

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TTTGATTACCCAAGTAGGAAAAGAGAGAGAGAGACAGAGAATAACATAGGCTTTTGAATG
AACGCCTGAAATATTTAAAGAATCCATTAAATTCTTTTTAAAGTTTCTCACATAATTTT
GAACAAAGAGAAAAGCAATCTCAATAGCTCAGAGGAAATTGCAGAAGATTGCTGGTAACC
AGGCATCTTGTCTACCCAGTCTTTGCCTCCGAGGACAGGCCAGAGGCTTCAGGTCAGTGT
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TTCCATGCCACTC

>SEQUENCE:2787:prostate_MPM2000-004P4Novel007_8Table3

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CTTCTCCAAGGGGATCTTCTTTGGCATTGACACANNTTCAGGGGCAAAGAATTTCTC
ATAGCACNAGCTCACAATACAGNGGCTCCTTTCTCCTCTACAAATCCAATGTAGGCCATT
GTATTTTGCAGTGAGCGCAGTTGAATTCTTCTGGGTGCCAAGATTTCCCCAGTGCCACT
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>SEQUENCE:2788:prostate_MPM2000-004P4Novel007_8Table3

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TCTCTGCTGGGGCATCAGTTCCTTTACTTCTTAGTTAAAGCAGTTATGTCGATGGTGCAA
TGCTTTTTTGGTGCAGTGATTTTACACAGCTGGTTTATCTCCAGTATGGAAGCTCTCTG
CTTAATCATCTTGATTTTCTGGGCTTGTTCCCACTCTGCAGATGTAAGCATGACACCTG
TATCTCTCTCCCCAGGCTCTGATCTAGGACGACAGTTTCTATGATGTGCCCATCTAGAGA
AATACTCAAATTGCAACTTTAGGAAGAGAAAAAGAGGGCCCTGCAAAAGGCATCTACAGG
CCCCATGTGCTGATCACCTTTCTTATTTATGGGTGAAGTGAGTCCTCATCCATTTATTGG
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>SEQUENCE:2789:prostate_MPM2000-004P4Novel007_8Table3

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GAGCAATTCTATCACCTGGATTGGCACTCCGGGGAACAGTGGAGCTGATCACTAACTGAA
TCCNCTTTATAATCTGAATAAATTACCCAGTATGAATTTGGAATCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCACCCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGA
ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAAGACCATTGTTGGGTGGAACATAAATCTACT
GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
GAAGTGGTGGTATTTTCTGTAGGGGTTGTTGTCCTTGAAAACCCTGAGGAACAAACAGTT
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>SEQUENCE:2790:prostate_MPM2000-004P4Novel007_8Table3

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTGGTGGAAC
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TCTCATAGTTTTGTCATGGCCCAATTTATCCTCACTTGTGCCTCAACAAATTGAACTGTA
ACAAAGGAATCTCTGGTCCTGGGTAAATGGCTGAGCACCACTGAGCATTTCATTCCAGTT
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TCCCCAGTGATTTTTTTATCTCACCTTTGAAGATACTATGTTATGTGATTAAATAAAGAA
CTTGAGAAGAACAGGTTTCATTAAACATAAAGTCAATGTAGACGCAAATTCTCTGGATGG
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>SEQUENCE:2791:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2792:prostate_MPM2000-004P4Novel007_8Table3

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TATCACCAGAATTTTGAGACTTAACTCCCATGGTTAAGAGATTTCCAAGCTGTGTTTACA
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AGACTAGCCTTGCTCTATTTAAAGAGCAAGACTCCACTGCCAAAAAAAAGAAAAACAAA
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>SEQUENCE:2793:prostate_MPM2000-004P4Novel007_8Table3

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CACCACACATTGGCATTAGAGAATATGTGTTTCAATTACTGAGGAAAAATCACTTCGGT
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ACAGGAGATGACTGATGACATGGGTTTCATACACTAATGTATATCGTATATTCTCCAAAGA
CCCTCAAAAATCACAAGAAGTTTTGAAAAATTCTGAGATCATAAACTGGAAACAGAAGCT
CCAAATCCAAGGTAACAAGTCTGAAGAAATGGGCAAGCAGCTGTGCTTCTCAAATTGTGT
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>SEQUENCE:2797:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2798:prostate_MPM2000-004P4Novel007_8Table3

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TGAAATGAAGTCACAAAGTGAAGTGTAGCACAGTGGTCCCAGGCATGCATTTGGGGCCAG
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>SEQUENCE:2800:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2801:prostate_MPM2000-004P4Novel007_8Table3

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AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
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AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
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>SEQUENCE:2803:prostate_MPM2000-004P4Novel007_8Table3

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TTTATTAGGGGCATTGAGGAGCCTCTAAAGGACTCTACATTTAGGAATGACAGATTTAAA
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>SEQUENCE:2809:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2810:prostate_MPM2000-004P4Novel007_8Table3
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CATGGCTTTGAGCATCATCCCTATTCTGACAACCTTTCAAGTCTGTCAATTTAGTTTCAGGC
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>SEQUENCE:2817:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2820:prostate_MPM2000-004P4Novel007_8Table3

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TGAGCATATGTATACATAACATATTTACACACAAGGCACACATACTATGAGCACCTGCA
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>SEQUENCE:2823:prostate_MPM2000-004P4Novel007_8Table3
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CTTACCTCAATCCACACTCAAAAATAGTTTACTATATGACAGATCTATGGCAGGCAGATT
TGATGGCTCAATGAACTCCACCCTCCCAGTGTTACACCTTTATGTAGTTCCCACTTACA
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ATCTGGGTGGCCTGTCTCAGCCCAGCTTCCAAGCTTGCTTTTATTGGTGGCATAGAGCTT
CAGGATATCTTCCGTAACAAAGAGGAGTGCTCTCGAATGCTCTACCTTCACTGAATTTGA

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AAATGCAGCTGCTCTTATCCCCTCACCTAAACCTTCTTGAAAACCTGAGAGAAAGCCAAG
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GCTCTCAGGTGATGCTAATGCTGTTAGTTGAAGACACAATTTGAGAAGCACAGCTGCTTG
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>SEQUENCE:2827:prostate_MPM2000-004P4Novel007_8Table3

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ACTCCTAGGATTAAGGATCTTCCCATCTCAGCTTCCCTAGTAGCTGTGATTCTTTATCTA
TTCTTTAAACGCAACAAACGTTGGCTGAACATCTACAATGTGGCAGGAGACATGGGAAAA
AACAAAGATGAGTAAGATAAGGTTCCACACCCAAGGAGCTTACAATGCAGAGGAAGAAAC
AGACATGTTATGTGATGGTGCTATTTGTTAGAGAGCCCCTAATCCAGCTCCCTCAGTCTG
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>SEQUENCE:2829:prostate_MPM2000-004P4Novel007_8Table3

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TATACCCCTCTAGGAATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAGACCATTTGGGTG
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TAGGCCAGCCACCACCTCTCACCTTAACCATTGCAATAACTTAACTGGTGTCCCTGCTC
CTACCCTTCTGCTGTCCTATCAACACAGCAACCAGAGTAATTTGTATAAAACACAAATAT
AACAGAAACACAAAACCTCTTCCCCAACTTTAAACCTTCTAGTCACTTCCCATAGCTCTT
TGAATAAAATTCCAAACCCATTCCCATGGCCTACAGACCTCTGTATCATCAGGTCCTTCC
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>SEQUENCE:2831:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2832:prostate_MPM2000-004P4Novel007_8Table3

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C

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>SEQUENCE:2833:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2834:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2835:prostate_MPM2000-004P4Novel007_8Table3

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CTTCTTCTCTTTTAAATGAAAGTTTTAGTAAGCAAAATTATTAGCATACCCAACAATGGT
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AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
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CCGCTTCCCCTTTACTGTAGATGTCAGTGTTGCTAACTCTCTGTCACTGCACAACAGG
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>SEQUENCE:2838:prostate_MPM2000-004P4Novel007_8Table3

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CATAAGTGAAGGAGAAATAAGATCCTTTTCAGACAAGCAAATGCTGAGGGAATTCAATAT
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>SEQUENCE:2839:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2840:prostate_MPM2000-004P4Novel007_8Table3

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AGACCAGAAGTGGAGGGGAGATTCAGCAGGTCAGACTACCAACCAAGAGAGAAGGAGGCA
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>SEQUENCE:2841:prostate_MPM2000-004P4Novel007_8Table3

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TCTTCTGAATGCTCACAATAGTGGTAAATCTTGATCTTTCAAGATGTTTAAAAAATAA
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>SEQUENCE:2842:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2843:prostate_MPM2000-004P4Novel007_8Table3

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AAATGTCTTCCAAACATTTTGGGTGACTCACCAGGGATAGGTTCTATTTTACACAACT
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>SEQUENCE:2844:prostate_MPM2000-004P4Novel007_8Table3
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TCTGAAACTGCTCTCAAGTCAGATTCTAGTCTTGCCTACCCCTTGGTAGAAGCAGAGAAC
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GAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTTAAAAAATACCAA
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>SEQUENCE:2848:prostate_MPM2000-004P4Novel007_8Table3
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AGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATAC
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>SEQUENCE:2849:prostate_MPM2000-004P4Novel007_8Table3

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GGAGGCATATGGACTGCCATGGGTCTCCAGGCTCATGTTCCAAGCAAGAATAGGGTAAGT
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>SEQUENCE:2850:prostate_MPM2000-004P4Novel007_8Table3

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TGCCAGGAAGATGATATCCTTTATTGTTTTACATGAAAGCATTGAAAATTCTAAAACT
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GACACATTTATTTTTCACAGTTCTGGAGGGGAGAAGTCTGAGATCATGGTGCCAGCATGG
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>SEQUENCE:2851:prostate_MPM2000-004P4Novel007_8Table3

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TGTGGGTTGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTA
TTGAACCTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTAC
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>SEQUENCE:2852:prostate_MPM2000-004P4Novel007_8Table3

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CAAAGAACAGCAGGTCAGCAGGAATGACTAATGTTTTTCTATGCATGTTTAATGGAATAT
TCGTGTAGGATATTTTGAGTAGGTAATTGGATAATCAGCATTGTAACTTGATCCTAGT
AGTCTGACTCTCACTAATAAGACTTGTCAAAGTTCCAAGAATCTGAAAGTGGATGATAAA
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CAGATGAACTTAATAGATAAAGATGAATATCGGAGTTGTTCTTCTAGGGAATGATACTC
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>SEQUENCE:2853:prostate_MPM2000-004P4Novel007_8Table3

ACACTACTATAGGGCGAATTGGAGCTTCCCCCGCGGGGGCGGCCGCCCCGGGCAGGTACAA
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ATTATTAATAATGTATACCTTTGCTTTTATTTGCCATAAAAAAAGCTTTCTTTGGAATAA
AATAGATTTTATCCAAAGATGCAGAACTGTTTTCAAGATAAATCCAATCTGATCAATTT
GACAGATTAAGACTCTCTTCAATAGTAATTCCTCAAATTATTTAAATAATTTATGAAACA
GTAAAGGCTTAAATATGAATTACATAGCCTTAAAGTTCTAGATCCTTCATGGATTTTA
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>SEQUENCE:2854:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCGCAGTGT
GATGGATATCTGCAGAAATCGCCCTTTCGAGCGGCCGCCCCGGGCAGGTACTGAGGCTGTA
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ATGCACCTAAACAAAATCTAACTTGTAATTCCTTGAACATGTCAGGCATACATTATTCCT
TCTGCCTGAGAAGCTCTTCCTTGTCTCTTAAATCTAGAATGATGTAAAGTTTTGAATAAG
TTGACTATCTTACTTCATGCAAAGAAGGGACACATATGAGATTCATCATCACATGAGACA
GCAAATACTAAAAGTGTAATTTGATTATAAGAGTTTAGATAAATATATGAAATGCAAGAG
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AACCTCATAGTATCTTATATAATACTTCATTTCTCTATCTCTATCACAATATCCAACA
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>SEQUENCE:2855:prostate_MPM2000-004P4Novel007_8Table3
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TTAGAAGTGAGAAGTGACACGGAAAAAAGATTGATTGGATGTAGAACAAGTTGGA
TAAGAATCCAGGACAACCCAGGTGTCAGGCTGGGGCAGCTAGGTAGGTGCTATTGCCAT
ATAAAGTGTTAAAAAGAATAGAGAAGGGGCTAGTTGTCGGGGGAAGGAGTTCAGTTTTA
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GAATGAGAGTGAAAATAAGGGGTCTGTGACCACTCAATTAAGATTGA
>SEQUENCE:2856:prostate_MPM2000-004P4Novel007_8Table3
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AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
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AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
CTATGAGAAATCTTTGCCCTGAATGTGGTTCGATGCCAAAGGAAGATCCTTGGAGAAGT
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GCCCATTCGGAACAATGTTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTA
TTATGCCC
>SEQUENCE:2857:prostate_MPM2000-004P4Novel007_8Table3
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GGGGAACAGTTTGTGAAGAAATCGGTGGTATTTTGCCTTCAAGGTGAAAGATGGCCCT
GGGGGTAAAGAGGCCACCTGGGTGGTGGATGTGAAGAATGGCAAAGGATCAGTGCTTCCT
AACTCAGATAAGAAGGCTGACTGCACAATCACAATGGCTGACTCAGACTTCCTGGCTTTA
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>SEQUENCE:2858:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2859:prostate_MPM2000-004P4Novel007_8Table3
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TGTTTAAAAGGTCTCTTTAATGCAGTAATCCTAAGTCTTTAACATGCTAATACGCACTGT
GGCTTTCAAGGAAAGGATCTAGTGTTTTCAAACCTCTGTTTTCAAAATTTTGATTACAGC
ATTCACCTCCCTCTTTTTTCCCAATGTCCTGTAGAAAACACTGAGAGAACTGACATTT
TTAACTTTATATGGAAGAATCGTAAATATGGTGAATCTGGATGTCCTCATCAACCAGCT
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>SEQUENCE:2860:prostate_MPM2000-004P4Novel007_8Table3
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TGAAAGAAGCCTAGGATGGCTGGGACATGTAGATCATAGTGCTAAGAGATGGAAAGCACC
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GCCCTTTAGAAAGATTGTGGCTAGAATATGGAGAACAAAGAGGAGACCACCAGAGTGGAT
GTGGGAGGCCAATATGTAGGTTATTCTAGTAGCTTTGCAGTGACTTACACAAAGGCAGTT
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AGATGATGGG

>SEQUENCE:2861:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTGCAGGGTGAACCTCCCT
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TTCCTCATCTTCTTGCCTTTAAGTTGATCAACCAGGTTCAATATGTTTGTGGAAGACGCA
AAGCCGTTTCTGAGTCAATAATCAGTTCCAGAGCCTTTCTAAACAAATCCAGTTCATTC
TCTGCAAAATCCGTAGCCATTTTGGAAATTGAAGTTGTAGCAAGATTCACCAACGCATAA
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ACACTGTTAATGTTGTTGATGAAGTCCTCCAACCTTATCTACGGT

>SEQUENCE:2862:prostate_MPM2000-004P4Novel007_8Table3

CCACGCGTCCGCTGGGAATAGCGAATGCATATCAAAAGGCTTCATTTCTTTTGTTCCTTC
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GCACGCACACACATATGCGGGCACACACACATCCTCCCTCTGAACTGATGGTGTTTAG
TATCGATAACATTTTCTTTCTTGGTAATACGAGGTAAATGAGGGGGGCAAAAACCTTATGA
CTTCTGAGTAAATGCCATGTCTTCTATATTCCGTGAGCTGCACAGTCTTGCAGGAATGC
TCCACATTTAGAGTAAATCTGAACTGGCTTAAAGCTCCAAATCCTCCCTTGTATGTG
GTATGAGTGTGCCTTCATCTCCAGCTGTCAGAGCCAAATCGCCACCTGCTCATCCAAGT
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>SEQUENCE:2863:prostate_MPM2000-004P4Novel007_8Table3

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GACCAGAAAGCTCTTGAAAACTCTCCTGTTTTCTCCCTATTTTTATTCTTGCATGCCC
TTATAGACTGTGTTAACACATTTTCTAATCTTACGGTTCTTTTGTGTCTACATTTCTCCA
GGTCAATATAACTATCACCATAATTTCTTGGTTTCTCTTTAGTTTCATCAGTAATTATGAG
TAATGTATTGAAATGTTAATGATATGTTTCATGCATTGAGAATCCTCTGCTCTCCGATCTA
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>SEQUENCE:2865:prostate_MPM2000-004P4Novel007_8Table3

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ACCATGAAGCTGTCGGTGTGTCTCCTGCTGGTCACGCTGGCCCTCTGCTGCTACCAGGCC
AATGCCCGATTCTGCCAGCTCTTGTTTCTGAGCTGTTAGACTTCTTCTTCATTAGTGAA
CCTTTGTTCAAGTTAAGTTCTTGCCAAATTTGATGGCCCTTCCGGAAGCTTGTTTGCAG
CCAA

>SEQUENCE:2866:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATG
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TTCACCATGTTGGCCACGATGATCTTGATCTGTTGACCTGATGATCCGCCCGTCTGTGGC
CTCCCAAAGTGGCTGAATCTCAGGCGGTAGACCACCAAGCTGGCCCTCGATTATTCTCT
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>SEQUENCE:2867:prostate_MPM2000-004P4Novel007_8Table3

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AAGTTGCACAGTGTCCAATAGGTGCATACATCTCCTTAGTAAGTAGTTGTGATTAACAAT
GAAATAGAAATGAAAAATATATTTTTTTATTTATGTGTATTATATTTTTCAAGCAGCTAA
TAAGTTGGTAGGACATAATATTTAATTCGTTGGGGACCTAATTATTTATAAATTGAATGG
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>SEQUENCE:2868:prostate_MPM2000-004P4Novel007_8Table3

CCTGTTCTTGTGTTGGTAAATGAACAACAAGAACATAATTATGTGAATTTTTCTTGATTTA

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TATGGAACCTATGAATAATTACTGAATAATTCATGTGATTGCTTTTATTGGCAGAGCTGA
AAACTCATCCCCGTGTGACCTCAAGTAAGCCATGTAACCTCTGTGAACCTGCAGTTTTATC
ATTTTTAAAATAAAGAAACATGACAGATTTTCATTATGACACAGAATGTCAGGTCTCCCA
GATGCCAGAAAATACATTTACTTAAAGCCGTTGATACGTCTTAAAGCGGTTTCCTTACAG
TGTCATTGGAGGACAGTGTGGAGTGCAGAGAGACATGCTTTGAAATGGGATTGATCCAGT
GCTCCTTCCTTCACTACCACATGAATGCTGGGCAGCCCAGGGTCAACCCACCGCACCCCTC
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>SEQUENCE:2869:prostate_MPM2000-004P4Novel007_8Table3

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CAGTGCTACCCAGAAGCACCAACACGTGTGTTCTCCATTCCACCAATCACAGACCAGTAT
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TCTTACTCACGATGAACCAGCACGAATAAACCCAGCAAAAAGAGAACTGCATACTTAAAT
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>SEQUENCE:2870:prostate_MPM2000-004P4Novel007_8Table3

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TTCCACACCTGGTGGTCAGAGGAGGCCCGCCTGCAGGCTCAGCTAAATCGGGCTGATGGC
ATTCCAATTACTCAGGCTCAGCTCACAGGCTCCGATAATTACTCTGATACTACTGCTCAT
TTAGGCTTTGATGCTCTCACACGGAACAAGTAACAAAGGTGTGTATGAGAGCTTGGGAT
AAATTACGCACCCCAAGGCTTCTGTTTCTTTTACTATTGTTAAACAGGGTCACAAT
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>SEQUENCE:2871:prostate_MPM2000-004P4Novel007_8Table3

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GTTCAAGGTGAAACATGTGAGTGGATAAGAGCAAGAGGGTGAGAACACAGACCAAGGGGC
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TAAGACCAGGCTCAGACTCTAAGTCTCTGTAATGTGGGAATAATGACAGCACTTACCTT
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>SEQUENCE:2872:prostate_MPM2000-004P4Novel007_8Table3

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GAGATCGCTACTTACCGCAGCCTGCTCGAGGGCCAGGATGCCAAGATGGCTGGCATTGGC
ATCAGGGAAGCCTCTTCAGGAGGTGGTGGTAGCAGCAGCAATTTCCACATCAATGTAGAA
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>SEQUENCE:2873:prostate_MPM2000-004P4Novel007_8Table3

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ATATATTTATCTAACTCTTATAATCAAATTACACTTTTAGTATTTGCTGTCTCATGTGA
TGATGAATCTCATATGTGTCCCTTCTTTGCATGAAGTAAGATAGGCAACTTATTCAAAC
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>SEQUENCE:2874:prostate_MPM2000-004P4Novel007_8Table3

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ATATGAAATATGATCTGCTTAATTGTTAAGGCAACTGACCTTTCAAAAGTGCAGAGTCTT
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>SEQUENCE:2875:prostate_MPM2000-004P4Novel007_8Table3
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TGAATTCCCGGCCAGCAGGGGGTGGGAAGTCTGACACGGAGTTCTGCCTTCTTTCCTCTG
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>SEQUENCE:2876:prostate_MPM2000-004P4Novel007_8Table3
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AATCTGCTAGACCATAAATTAACAGCTTTCAGGACAGATGCCTTGAAAGTTCTTAGGGAG
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>SEQUENCE:2877:prostate_MPM2000-004P4Novel007_8Table3
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AATAGGACTTAAATGACATCACTCAAGTGACAGATTTTAATAGAACTCCTCCTCTTTCC
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>SEQUENCE:2881:prostate_MPM2000-004P4Novel007_8Table3

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ATGATTTGGTTATGAACGCACAGTTTAGGCAGCAGGGCCAGAATCCTGACCCTCTGCCCC
GTGGTTATCTCCTCCCCAGCTTGGCTGCCTCATGTCATCACAGTATTTCCATTTTTGTTT
GTTGCATTGTCTTGTGNAAGCCATCAAGAAATTTCTCCGTCTGGGTTTTCTTCTTCAT
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>SEQUENCE:2882:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGG
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ATGCACACATTTCTAGTCAAATGAGGCTCTCAGCTTTTTGATAGGGGCTTTTTGATACGT
GTATAACCAATACTTTATTCTCACTGTAGTCAAGGACTCATTGCAATTCAGAAATGAGAA
GCTGATCCGGAACCTCACTACAGCTCAAAGAAATTCTCGAATGTTCTCACCTATTAACAG
TTATTAATAATGGAAGAAGCTGGGGATGAAATTGTGAGCAATGCCATCTCCTACGCTCTAT
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>SEQUENCE:2883:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2884:prostate_MPM2000-004P4Novel007_8Table3

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TCCAAATTGGAGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGT
AAGGGCTATTTGCCTCAGGGCCTGGGGAAAAAATTCAAGACCCAGGAACAGCTTTCCCTAT
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AGCAGGAGTTGATGTAATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTAT
GCATAAGGCAATGCTAATGGCTCAAGCAATGAGGGGGCTCACTCTAGGAGGACAAGTTAG
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>SEQUENCE:2885:prostate_MPM2000-004P4Novel007_8Table3

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GGCTGTTCTCAAACCTCTATCCTCAAGCCATCCTCCCATCTCAGCCACTCAACTTGCTGG
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ACAAGCAAACAAAAAACCCAAAACAACAAAAAGTTTCAAGAAACAGAGCTAGCTGACAGA
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>SEQUENCE:2886:prostate_MPM2000-004P4Novel007_8Table3

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TCTGAAGCATCCCACAGAATGATCCTACTGAATAACTCCATAAGCTGCTGGCCCTATAC
AAATCCTTGGCCAGGAGTATCCCTGAGTCCCTGAAGGTGTATGGCTCTGTGTATCACATC
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>SEQUENCE:2887:prostate_MPM2000-004P4Novel007_8Table3
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GCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAATGAGAGGCCA
AAATTATTTAATTAAATCTTTACCTTAGCACAAGGGAAAAAATGGAATTTGCCTAATATA
GGTGATGAAGCATACACAATGAACAGAAACAATCACATTTTAGTAAAAGGCAAAAATTG
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>SEQUENCE:2888:prostate_MPM2000-004P4Novel007_8Table3
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GTTAGAGCTTCTACAGAAAATCTAATTACGCTATTTCAAACAATAGAACAATTCTGCCCA
TGGTTTCCAGAACAGGGAACCTTTAGATCTAAAAGATTGGGAAAAAATTGGCAAAGAATTA
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>SEQUENCE:2889:prostate_MPM2000-004P4Novel007_8Table3
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CAGCATGGGGTGCAAAAAAAAATCTACATTAACCCCTTTGTTGGAATGCTTTACACT
TTCCACAGAACAGAACTAAAATAACCTGTTATACAATTAGTCACAAATACAGTCCTCGA
GTTTTTTGCCCATACACATGAGTATTTGTCTAAACATGTCTTCTTTGTAGCAGCTAGGC
CCTGCCACCACTGTGCTTGGCTGAGTTCACAAATCTGTTGTAACCTGTAGCTTCCCTGTC
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>SEQUENCE:2890:prostate_MPM2000-004P4Novel007_8Table3
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CGGCAGCGAGGTAATTTAGCAGAGGAAGTCTCTCCAGTCAGAGTCAAAGAGGAATTCTTG
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GGGCCCTGGAGGTAGCCAAGCTTGAGCGAAGCTCCTCGTCCAAGTCGAGCAAATCCTCCA
TCTCCGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT
TATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAG
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>SEQUENCE:2891:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2892:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2893:prostate_MPM2000-004P4Novel007_8Table3
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GCTCGTGGACAATGGCTGTCATGGACATCCCACTGTGCAAGCAAAGCTCCGGAATCAGCT
AGAGAAGTATATCTCTGAGCGCACTATTCAAGATTCCAATATGGTGGCAAGATCCCCAT
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CCTGGTGGAGGTGGAGGATGCCCTGACATCTTCTGCCGTCAAGGAGAAGCTGGTGCGCTT
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>SEQUENCE:2894:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2895:prostate_MPM2000-004P4Novel007_8Table3

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TAGTTCCACATTAGCCATACTCAGAAATTCTAGTTCTTTGAAAGTATCATTGAGGCCTTC
AATTTCCCATTTGACACACAGGCAATTATCAAGGACTAACTCTGTACCTCCTCCGGGGA
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>SEQUENCE:2896:prostate_MPM2000-004P4Novel007_8Table3

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TCTCCCAAAGTGCTGAGATTACAAGCGTGATCCAAGTGCACCGGCCAGTTGTTTTTTTG
GTTTTTTGTTTTTTTAGGTTTTTTTACGAAAATGTTTGGGAACAGAAATGTTGTGGAT
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>SEQUENCE:2897:prostate_MPM2000-004P4Novel007_8Table3

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CTATTCACCCTCAGAATGCCAATATTCTAGAATTCCTTTGCTCTGGCTCAAGGAAATATT
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ATTCCATGCGCAACGTTTATGGGAAACATCAGGTTAGTATGCTGCTAAGACCAGCTGCTC
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>SEQUENCE:2898:prostate_MPM2000-004P4Novel007_8Table3

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ACTGTAGTCAAGGACTCATTGCAATTCAGAAATGAGAAGCTGATCCGGAAGTCCACTACA
GCTCAAAGAAATTCTCGAATGTTCTCACCTATTAACAGTTATTTAAATGGAAGAAGCTGG
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GGTTTGAGATACATAATGAAGAGCTTGACTATGCTGTCCTGAAACTGAAGGAAAATGGAC
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>SEQUENCE:2900:prostate_MPM2000-004P4Novel007_8Table3

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GAAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTT
TTCTTTTACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTT
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TCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTC
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>SEQUENCE:2901:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2902:prostate_MPM2000-004P4Novel007_8Table3

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CTGTGGCTTTCAAGGAAAGGATCTAGTGTTCCTAACTCTGTTTTCAAATTTTGATTA
CAGCATTACCTCCCTCTTTTTTTCCCAATGTCCTGTAGAAAACACTGAGAGAACTGAC
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>SEQUENCE:2903:prostate_MPM2000-004P4Novel007_8Table3

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TTTTCTTACATATCCCCCTTTTCTTTTTGACAAAACCACCATCGTCACTATGGCCCA
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TGGGGTGTCTCCATCTCCACACTTTTCTTTGCATCTCCAGTGAGTTCATTGTAGAACTTT
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>SEQUENCE:2904:prostate_MPM2000-004P4Novel007_8Table3

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ATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACT
CTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTTTTCTGTCTAGAGGACCATTCTT
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>SEQUENCE:2905:prostate_MPM2000-004P4Novel007_8Table3

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ATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTTTTCTGTCA
GAGGACCATTCTTAGTGCCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTC
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>SEQUENCE:2906:prostate_MPM2000-004P4Novel007_8Table3

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GGGCGGCTGAGGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGT
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AACCTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAG
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>SEQUENCE:2907:prostate_MPM2000-004P4Novel007_8Table3

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GGATAAGTGGGATGTAAAACGAAGATCAGGAGCAGATTTGAAGAATTACAAAGTGAATTG
GTGCCAGTCAGCATGTCAGAGACAGACCACATAGCCTCTACTTCCTCTGATAAAAATGTT
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>SEQUENCE:2908:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2909:prostate_MPM2000-004P4Novel007_8Table3

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GCCAGGCTGAGTGGATTTGGCCAGTCAGGAAGCTTCTGCCGGTTAGCTGGCCACGATATC
AACTATTTGGCTTTGTCAGGTGTTCTCTCAAAAATTGGCAGAAGTGGTGAGAATCCGTAT
GCCCCGCTGAATCTCCTGGCTGACTTTGCTGGTGGTGGCCTTATGTGTGCACTGGGCATT
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>SEQUENCE:2910:prostate_MPM2000-004P4Novel007_8Table3

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ATCAGCTCATTTGGGAAGNNTTTTTTTTTTTTTTTTTTTTTTTAATTAATTAGAAAGTA
GGCTGGGCACGGTGGCTCATGCCTATAATCCCAGCACTTGGGGAGGCCGAGGATCTCCTC
TCTGGTGGATCACTTGAGGGCAGGAGTTAAGAGACCATCCTGGCCAACATGATGAAACCC
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>SEQUENCE:2911:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2912:prostate_MPM2000-004P4Novel007_8Table3

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CCCTGATCCTCCTTGCTTGGTGCCCTGCAACAAATGCCCACTTTCTCTCCCTGCAATCC
CGATGTCAGTGTGTGGCTTTGCTGCTCTGGGTGGGCAGACCCAAGTTCAGCAAGTAACCA
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>SEQUENCE:2913:prostate_MPM2000-004P4Novel007_8Table3

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AAATTCTTTTAAGAAGAGGGGGAGTTAGAGCTTCTACCAAAAATCTATTTACGCTATTTTC
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>SEQUENCE:2914:prostate_MPM2000-004P4Novel007_8Table3

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TTGCAAAAGGCAATCCAGCTAGCAAAAGGGAATAAATGAAAATATCATTAAAAAAGAAAT
ATCAAAACTAATTAAATGGCAATAATTATCCCACAGACTCTGTCTAAAAATGCATTTGCC
GTGAAAATAAATGAGAGCACATGTAAAAAAGGAAATGCAGCAATGCATGCAACAGAAGTT
AGAAAGATTACAGTTTTAAGATAAAGATGTTTTGTCTACAGCAAACAAAGTGTTCAAATC
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>SEQUENCE:2915:prostate_MPM2000-004P4Novel007_8Table3

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AAAAGAAAAACAATAGAACAATTAATAAATAATACCAATTTAAAAATACAGTATAACAAT
ATCTACATGGCATTACATTTATTGGGTATTATAAGTGATCTAGAGTAATCTAAAGTGTA
TGGGGAAATGTGCATAGGCTATATAAATACTATGCTATTTTACAGGGACTTGAGCATC
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>SEQUENCE:2916:prostate_MPM2000-004P4Novel007_8Table3

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CTTAACCATTGCAATAACTTAACTGGTGTCCCTGCTCCTACCCTTCTGCTGTCCTATTAA
AAAACAGGGAAACCAGAGGTAATTTGTATAAAACACAAATATAACAGAAACACAAAACCT
CTTCCCCAATTTAAACCTTCTAGTCACTTCCCATAGCTCTTTGAATAAAATTCCAAACC
CATTCCCATGGCCTACAGACCTCTGTATCATCAGGTCCCTTCCACCATGCAGATCTTCCT
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>SEQUENCE:2917:prostate_MPM2000-004P4Novel007_8Table3

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CCTGAAATATCAAAGAGCACATTAAATCTTTTTTAAAAGTTTCTCACATAATTTGAAC
AAAGAGAAAAGCAATCTCAATAGCTCAGAGGAAATTGCAGAAGATTGCTGGTAACCAGGC
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TGTGTGTGATTGTTGGTGTAGGAAAGGAGGTAAATGGTTCAAGCAGGGACTGCCATTCC
ATGCCACTCATGAGGTTTCAGATATGTCTGGATAACATTAGCCAGGCTGCAACAACAACA
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>SEQUENCE:2918:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2919:prostate_MPM2000-004P4Novel007_8Table3

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ATTTTCCATCCAGAGGTTCCCAACCTTGGCTGCACATTAGATTTATTCTAAGGAGCTTTT
AAAAAATACCAATGACTGGGTCCCAGCCTAGAGTGATTAAATCAGAATCTCTGGAGGTAG
ACTTGAGAATCTGATGTTTGCAAGTTTCTAGGCAAGTCAAGGCTGAGGAAGACTGCTGC
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>SEQUENCE:2920:prostate_MPM2000-004P4Novel007_8Table3

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TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACC
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GAACCTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCA
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GAAGTGCCCTGGACTCCCCTCCAGAACCTGCAACTTGAATCTCTATAACGTGAAGTATGG
GGATCTTCATTTGTAGCAGCCTTGTCAAAAAATTAATCTTCACACTAACGCATAAGAACC
ACTGCATACTCTCTGCAGGGACTGCCTTAAATATTAGGTTAAATCCTAGTGTTAAAGTT
GTTTGATTAACAACATTGGCAATATCACACAATTTGTTTATAAAATCCTAATGAATAGGT
CTGTGTTCAAGTTATTATGATCGTATGGAATATTGCCCTTTGCATGTTTCCATCCCCTAC
AGAAACTACAGAAATGGATCTGCTCGTGACTCGGCCTTTAAATAAATTACTATATTGTT
TTTAAACGTCTCCCTCCTGTCAGCTATTAACGTATGTTATGACCTGAAGAAAATATGTAA
AACATCAAAAGAAAAGTCAGCATTGAAATTGGAATTTGTAATTAATGATATGTAAAT
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>SEQUENCE:2950:prostate_MPM2000-004P4Novel007_8Table3

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CAGCCTCCCGAGTAGCTGGGACTACAGGCATCTGCCACCACGCCTGGCTAATTTTTTTTG
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>SEQUENCE:2951:prostate_MPM2000-004P4Novel007_8Table3

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TGTGTATAGGGTGCCTGCAGCTACACTAAACATCTTAAAGCTACCACAATGTTCACTTCA
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TCCAAAATCAAGCTGTTACAGGACCATGTTCTCTCTAAAGGTTCTAGGAGAGAATCCCT
CATTTCTTCCAGCTTCTGGGTGGCTGCTGGCATTCTGGGCCGGTGGCTGCATCCCTCC
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>SEQUENCE:2952:prostate_MPM2000-004P4Novel007_8Table3

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ATGGGGGAGAAGTGCTTTTTTAAAAATGATCTTTAATATTTCCAGAGTGGCTAACTTCCAAA
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>SEQUENCE:2953:prostate_MPM2000-004P4Novel007_8Table3

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TGGCCTCCCAAGGTGCTGGGATTTTCTTTTAACTTTTAAATAAATGTAGCAGGAACATCTC
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>SEQUENCE:2954:prostate_MPM2000-004P4Novel007_8Table3

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AGCTCACAATACAGGGCTCCTTTCTCCTCTACAAATCCAATGTAGGCCATTGTATTTTG
CAGTGAGCGCAGTTGAATTCTTCTGGGTGCCAAGATTTCCCAGTGCCACTAAGAATGGT
CCTCTGACAGAAAAAAAAGAGGCCAACTAAGTTTGAGAATAAAATTTCTAGAGTTAGCCT
GGATATGGACCTCTTTTATGCAATGTCCAACCAATTAATACTTGCTCAATTTTCCTTCT
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>SEQUENCE:2955:prostate_MPM2000-004P4Novel007_8Table3

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GGGGATTCCAGGCTCTTCTGTGCCTGTGGGACTACATTCTGTGCGGGGCTTAGAGAAC
ACGAAGAGGGAGCCATCTGCCACACTCTGGAGGCTGAAGCCTGCACCAGTGCTGCTCGCC
TCACTGTGGTAGGTGGTGGTGATGGAACTGCAGATCGGCCAGAGTGGTAGAAAAGTTGC
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>SEQUENCE:2956:prostate_MPM2000-004P4Novel007_8Table3

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TTGAGAGGTGGTTTTTATAGCCGCAAAATGACAAGTGCAAGTTGAGTAGATCAGTGTTTA
TCAACCAGGTGCCACATTGTGCCCCAGGAGACATTTGACAATGATGGGGTGTTACTGGCA
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TGCAGAGAAGTAAAATGAGAGGGGCCTCCTCAGGAAAGAAGACAGCTGGTCCACAGCAGA
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>SEQUENCE:2958:prostate_MPM2000-004P4Novel007_8Table3
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ACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACCATT
CTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAA
TACAATGGCCTACATTGGATTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTA
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>SEQUENCE:2959:prostate_MPM2000-004P4Novel007_8Table3
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CAGCGTTAGCCCCTGGGGTTCATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGA
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TGCTAGTCCCTGTGGCCTGGCCCACTGAAAATACTGTGGGGACAACAGAATGGATTG
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ATAAATACAGGAACAATTTGGTTATTAGAAACAGTGAGGCTTGGCATGGTGGCTCACACC
TGTAATCCCACTATAGCGCTTCTCATGTGAATGTTTCATTCTCATAGTGCCCAACTTTAG
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TTTAACATCCAGCTTTCTTTTTTAGGGCAAAGGAGATAGAAGTGGATGAAATGAGAGAGT
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ACTCCTCCAGCTCCAGTTTTTCACTTCTTCTTGTGATAAAATGTGGCTATAATAATGAA
CACCTCCTGCTGAACTTGAAGAGAGACCGTGTAAGAGAGTAGAGCTGGATTTAATCTTCTG
CTTGCTGCAGAACGCATCCAAGTGGGTTATTACACAAGCTTAGACTACATCATTGGAGAT
ACTGGCATTACAAAAGGAAACACTTCTGGGCCTTCCGTGTGGAACCATATTCATACCTG
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>SEQUENCE:2963:prostate_MPM2000-004P4Novel007_8Table3

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CTTTTAGAGCAAGCCTCCTCTATTTGTATATGCTAATTTATTTTCTCAGATTACCCTCA
AGCCTCTGTCTGGGAAATCTTACCTTATTTTGGGCTCTGGCCCCCGCGTACTTTANAT
NANTNCNGNGCANNATGGTTNNGACTCCATGAAGAAGCTTCATCTCAACCTCCGTCATGTT
TTAGAAACCTTTTATCTTTTCTTCTCATGCTACTCTTCTAAGTCTTCATATTTTCTCT
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>SEQUENCE:2964:prostate_MPM2000-004P4Novel007_8Table3

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CCGCATATTATCTCAACAGAGGACAGTAGCTCAGGAGGCAGCTTCAAACGGTGACCTGTG
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>SEQUENCE:2965:prostate_MPM2000-004P4Novel007_8Table3

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AGGTCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTT
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>SEQUENCE:2966:prostate_MPM2000-004P4Novel007_8Table3

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CAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGA
AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
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AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
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>SEQUENCE:2967:prostate_MPM2000-004P4Novel007_8Table3

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GGCAGGGGTGTTGGAGGAGAAGTTGAAAATCCGTGTGTTCTCTGCCCTCTGCTCCTCCA
TCTTAGCTTCTGGAGGAGTTAAGGCACCAAGGGCACCAAGTCAGGTTGGCAGTTTTGTTG
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TGTGATTTTGGTTGTTGATTAGTAACACACATTGTTTTTCCCCACCTTTTTTCATTAGTG
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>SEQUENCE:2968:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2969:prostate_MPM2000-004P4Novel007_8Table3
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CAACTACTGTTTCCAACTGACTCACCTTGAGGGGACTGCTGCTCTGTGTCTGAGCTCT
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CCCCTTAACTGATTTACCTGCTACACAAAATTATTCTTATTGGGCTTATGTGCCTTTTC
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>SEQUENCE:2972:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2973:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2974:prostate_MPM2000-004P4Novel007_8Table3
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TGCTTTACACCCTTTTCTTTAGCAGGGACTGGCCTAGTGACTTACCTCTATTCAGAATAT
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>SEQUENCE:2975:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2980:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2981:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2983:prostate_MPM2000-004P4Novel007_8Table3
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CTACAGATCTTTCTAATAATCAACATACTACGCTACTGAGTTAGGGAACAGGCATTCTAA
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>SEQUENCE:2984:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:2987:prostate_MPM2000-004P4Novel007_8Table3

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TAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTATT
CTCAAACCTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCACTGGGGA
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>SEQUENCE:2988:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2989:prostate_MPM2000-004P4Novel007_8Table3

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TTCCAGGGAGTAAAAAGACCATTTGGGTGGAACATAAATCTACTGCGGTGCTGCCTGCTG
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>SEQUENCE:2991:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2992:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2993:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:2994:prostate_MPM2000-004P4Novel007_8Table3
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GCTCCAGCAGGAGCTGGGCAAATACTGGGAGCTTTGACTAAGGGGCATGCATTGCAGATG
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>SEQUENCE:2995:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3000:prostate_MPM2000-004P4Novel007_8Table3
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TTCCGTAGGAGACCCCAGAAGCACACCTCCCTCCAGCAGTGAAAGCCGAGGATTCCCGT
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>SEQUENCE:3008:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3011:prostate_MPM2000-004P4Novel007_8Table3
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TTCCAATTCTAGTATTCGGTTTCAATTTATGAAAATGGGGACCGTGCTTTTCCATCATCTC
TTTTGCTCCTCTCTCTTCCCATCTCCCTCTGACAAGTTTTCTGAAGCATGTT
>SEQUENCE:3012:prostate_MPM2000-004P4Novel007_8Table3

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CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCTCCTGCTCTA
GTTTTTGGACTTGGCAGTGCTCCACTCTACTGCTAGGTCAAAGAAGACAGCCAGAGAAAC
CCCACATTCAGGCTAAGTTGCAAATGAAAGGAGCTCCCTGCTTTCATCATTAAAAAGCA
CTCTGTTTCATCTTAATGCAGCCCAATGGAGTTGCTTTAGTAGCAGTGGCTCTCCGGGCCT
GTGTGTTCTCATAGTTAAAAAATAAAATAAAAAGCAGATGGGCCGGCCAGCCAGCCTGC
AGACTGTCAGCGATGCAGCTTTCTGAGAAGTCAGGGTGGGGCAGGGGAGAAGGGAAGAAC
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C

>SEQUENCE:3013:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGCCGGCAGGTACCGAGT
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CAGACACAGGGCTGAAGTCTGAACCTTCATCCTTTCACTCCCAGCCCAATGATGTGCCAC
TGTGTCATAGCCACATGGTGGTTATGAATGCATCTGGAACCTCTACATTTTAATCTGCCAG
GCATCCACCCATTTCGTTACATAATTCACGTGTGTGTAATAGTAACCTTCAGAAAGGAAT
GTCACAATATTTTTCTCATTACAACATCTTTAGGCTTTAAGATGAAAAGGGTGAAGAAAG
AAATCTTCTCTAAATCTTGTATTCCCGCTATTCAATTTTTTTATTCAAGGAAAAACAAAGC
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>SEQUENCE:3014:prostate_MPM2000-004P4Novel007_8Table3

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GCACCATTAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTT
GCCTCAGGGCCTGGGGAAAAATTCGGGACCCAGGAACAGCTTTCCCTATTAATTCAATTA
GACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAGGATGCTGCTCAA
AGTCTATTACAGATGACAATGCCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATG
CAAATCCAGAATGTCAGTCGGCCATAAAGCCATTAAGGAAAAAGTTCCAGCAGGAGTTG
ATGTAATTGCAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTATGCAT

>SEQUENCE:3015:prostate_MPM2000-004P4Novel007_8Table3

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GAAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTT
TTCTTTTCACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTT
CAGTCCTTAAGAAGGAAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGG
TCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTC
TGTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTG
CGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTA
TTGTGAGCTGTGCTATGAGAAATCTTTGCCCTGAATGTGGTTCGATGCCAAAGGAAGAT
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>SEQUENCE:3016:prostate_MPM2000-004P4Novel007_8Table3

TGGACTCCCCGCGGTGGCGGGCCGCCCGGGCAGGTACTACAATAATCCTCAAGATACTGAA
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CACTTGATTGCTAGTTCATACAAGATGTGGCAGCAACTCCTTTTCTGGCTGGAGATCTTG
GATGTCACATCTTAGAATCAGGTGGCAAAGCATCTGTGAAGGGCAATGTGGCATCCCAGA
CAGTGGGTGGTGAGATCAGGAAGAAAAAATGGAATCAACAGATGGTGGATCCTACAGCT
GAGAACTGATTCTTCAATTTGACATGGTTGGCATAAACATTTTAAATGGAGCTTGGTAAA
GATCAGGTTATTTTACCATTGACCAAGCTCTTGGCTTCTAAAAGGTCCTAAATTTTTGTT
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>SEQUENCE:3017:prostate_MPM2000-004P4Novel007_8Table3

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AAACTGTAAATTTACAGATCTTTGTCCTTCCCCACAAAGAGCCTTAATCTCACAGGTTGG
ATTATGTGGAACCTCACTGCTATTTTTAGTTCTCCTTTAAGTGAATAAGGAACATCCAGA
TACTTCCAAAAAAGTCTAAGTTTTTCACTTTGTCCATTGCCATTTAATTATC
TTCTGCATATTTTAAAGCATTTCTGTGAACATAAGTATTGCCCATCCAGAAAATTTGCG

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TCTACATTGATTTTATGTTTAATGAAACCTGTTCTTCTCAAGTTCTTTATTTAATCACAT
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>SEQUENCE:3018:prostate_MPM2000-004P4Novel007_8Table3

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TCCTGAGACAAGAGATTGACAATTCATTGATAAGTAGTCTTAATTGTCACTATTACAGGG
CTGTAGGTCCTTTGCCAGCCATGCCTTTTCAGTCCTAAATGGTCTTCAAGGTTGGGCTGTG
TTGTCCAAGAGCTGAGGACCTTACATTTATTGTTCCAATATTTATTGGCTATAATGATTT
CTGTGGAGCAGTCAGCTGTCAGAAAATTTTGTCTCCTTTGTAGGTAACCTGTCATTGGTC
TTTGGATTTTTTATAGTCTCCCTTTGTATCTGGTGTAATTTAGTTTCAATCTGTTGTGC
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>SEQUENCE:3019:prostate_MPM2000-004P4Novel007_8Table3

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ACACACACAGCACCTGCACGCAGATGCACACATCTCTAGTCAAATGAGGCTTTCAGCTTT
TTGATAGGGGCTTTTTGATACGTGTATAACCAATACTTTACTCTCACTGTAGTCAAGGAC
TCATTGCAATTCAGAAATGAGAAGCTGATCCGGAACCTCCACTACAGCTCAAAGAAATTCT
CGAATGTTCTCACCTATTAACAGTTATTAAAATGGAAGAAGCTGGGGATGAAATTGTGAG
CAATGCCATCTCCTACGCTCTATACAAAGCCTTCAGCACCAAGTGAAGACAAGGATAA
CTGGAATGGGCAGCTGAAGCTTCTGCTGGAGTGGAAACCAGCTGGACTTAGCCAATGATGA
GATTTTCACCAATGACCGCCGATGGGAGTCTGCTGACCTTCAAGAAGTCATGTTTACGGC
TCTCATAAAGGACAGACCCAAGTTTGTCCGCCTCTTTCTGGAGAATGGCTTGAACCTACN
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>SEQUENCE:3020:prostate_MPM2000-004P4Novel007_8Table3

GCGGCCGAGGACCTGGCATATACTCAACATGTATTTTTCCCCTTTCTTTACAATGTTCC
TTGCCCCGAACACTTGAATAGTGGAGAGAGGAATGTTTGCTTTTCTCTCCATTGAACCA
ACACTCGCCCATCCACTGAGCCCAAGATTCACCTTAGGATTGTCTGATGGACTCGGCTCT
TTTGTGACCTAACAGTGCAGGGGCTTGTGCTGAGCTGCACATGCTCGCTCTCGCTGGTG
CTCCCTCTCTCTCTCTCTGTCTGCATTATTTATAGTAAACCATATTAGAACAGAGT
GTTAAAGAGGAAGGATGAGTCATTCCCATTGAAACCATTGCTGACATAAATAAAAGCAAA
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>SEQUENCE:3021:prostate_MPM2000-004P4Novel007_8Table3

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GCCTTTGTGTTTTATTTTCTGCTTTATAACAAAACAAAAACAAACACCCACCGTCCTA
TGACACAGGTGTTTTGAATCCATGTCAATTTTTGTAGTTAGTATATGCTGGTTAAACCAC
ATAGCATATCCCCCAAAAAGCCAGAGGCAAGCAAAAACCTTAATTTGATGCCCTTCAAGTT
TCGGAAGGTCCCATTCTTTTTATTAACCAAAAAGATAAGATGAAGCTCAGCATGGCTATG
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>SEQUENCE:3022:prostate_MPM2000-004P4Novel007_8Table3

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AAATTGGAGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAG
GGCTATTTGCCTCAGGGCCTGTGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAA
TTCAATTAGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGC
TGCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTA
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AGGAGTTGATGTAATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGA

>SEQUENCE:3023:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCATTTCTCCCAGGGATC
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AAAACATGTCACTACTTAGACATTATATTGTCATCTTGCTGTTTCTAGTGATGTTAATTA

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TCTCCATTTTCAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTATTTCTC
ACCTCTGTATCATCAGGTCCTTCCCACCATGCAGATCTTCCTGGTCTCCCTCGGCTGCAG
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>SEQUENCE:3024:prostate_MPM2000-004P4Novel007_8Table3

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CACTCATATCTCCCTTTTGTGCAAATAACAACTGAGGCCAGAGAAATCAAATATGTTG
TCAAAATCTACATCGTTGAAGAGATGGGTTTCAAATCCAGGTCGGCTTGGCCCTTGCCAC
GACTTCATAATGAAATTCCATGGGTGAGTGTACCAGTTTCTGGTCCATCCTTGCTTATT
TCAAGGGTCTCATCATCCCATCCACTGTATCACTTTTTTTGTTACAGGCTTTACTCTTTT
CTACCATGGAAAAGACTAATGATATTTTTTTCTCCATAAGCTTGGAAATATTATCAATCA
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>SEQUENCE:3025:prostate_MPM2000-004P4Novel007_8Table3

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AGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGG
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ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
CTATGAGAAATCTTTGCCCTGAATGTGGTTCGATGCCAAAGGAAGATCCTTGGAGAAGT
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GCCCATTCGGAACAATGTTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTA
TTATGCCC

>SEQUENCE:3026:prostate_MPM2000-004P4Novel007_8Table3

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TTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTC
TAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTTTCTGTGAGAGGACCATTCTTA
GTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACA
ATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAG
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>SEQUENCE:3027:prostate_MPM2000-004P4Novel007_8Table3

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TCCAAATTGGAGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGT
AAGGGCTATTTGCCTCAGGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTAT
TAATTCAATTAGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGA
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CTATGAAAATGCAAATCCAGAATGTCAGTCGGCCATAAAGCCATTAAAAGGAAAAGTTCC
AGCAGGAGTTGATGTAATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTAT
GCATAAGGCAATGCTAATGGCTCAAGCAATGAGGGGGCTCACTCTAGGAGGACAAGTTAG
AACATTTGGGAAAAAATGTTATAATTGTGGTCAAATCGGTCATCTGAAAAGGAGTTGCC
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>SEQUENCE:3028:prostate_MPM2000-004P4Novel007_8Table3

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AAATTACAAACGAAAAAATTATTTGACCTGAGAAATGAGAACACAAAGAAGATTTGAATTA
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>SEQUENCE:3029:prostate_MPM2000-004P4Novel007_8Table3

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ATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAA
AAATACAATGGCCTACATTGGATTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTG
CTATGAGAAATCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGT
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GCCCATTCGGAACAATGTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTA
TTATGCCC

>SEQUENCE:3030:prostate_MPM2000-004P4Novel007_8Table3

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TGGAGTCTTCGTGGAGTTCTGAGGAATTCATTTCCAAGCAAGAAGGTTTTGGGTCCTCA
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AGAAGGTTTTGGGTCCTCATGTCATCTTTCTCCAAGACTGGCATCATCTCGGAATTCTCA
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>SEQUENCE:3031:prostate_MPM2000-004P4Novel007_8Table3

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TATTCTCACTGTAGTCAAGGACTCATTGCAATTCAGAAATGAGAAGCTGATCCGGAACTC
CACTACAGCTCANAGAAATTCTCGAATGTTCTCACCTATTAACAGTTATTAATAATGGAAG
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CCAGTGAGCAAGACAAGGATAACTGGAATGGGCAGCTGAAGCTTCTGCTGGAGTGGAACC
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>SEQUENCE:3032:prostate_MPM2000-004P4Novel007_8Table3

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TCCTCATTTACAAAAGAAAACCCAAAACAAAACAAACACCCCAACAATACCAATTGTAA
CTCCCCAGACCAGTTAGATCATAGATCCAGATCTCATTGAAAATTATCCTTTTGGCTAGG
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>SEQUENCE:3033:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3034:prostate_MPM2000-004P4Novel007_8Table3

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AGTGGGGAATTATATAAAGACCTCATCTTGTATTCTAGTGTGTGTCAGTATTGGGACTATT
AGTCCAACCATGAAAACAGCAAAAGAAGATTTTAGTGAAGCAGGAACTACCTAAAAGGA
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Table 7
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TCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACCATGATCATAATATTGCTCATTCCTTAA
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CAGTATACTGGGAAAACCAGGAGATTTAGATGGACCTAGAATGAGGAAGGCAGGCTACT
CAACAGTTGTGGATTTGGGAGTCTGGACACTCCTTGAGTTGTGCAGTTTTAATTCTTTCT
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AAATAGCACTGAAAAAATGAGGAAATTATTGGTAACCAATTTATTTTAAAAGCCCATCAA
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>SEQUENCE:3044:prostate_MPM2000-004P4Novel007_8Table3
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AAGCTTCAGAAATACTGCTGTAGTTATAAACCTGGGATGGGTTCTCAGGCCTTCCCCGCT
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GTTGTCCTTTTCCAGGTTTTCCAAAAATTTTTTGGTTGCATATCTCTATTCCTTCTTCCA
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>SEQUENCE:3045:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3046:prostate_MPM2000-004P4Novel007_8Table3
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CAAAATCAAGCTGTTTACAGGACCATGTTCTCTCTAAAGGTTCTAGGAGAGAATCCCTCA
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CCCCTTTATAATCTGAATAAATTACCCCAATATTGAATTGGGACTCCCTTCAAATTTAGA
CTTGATCTCCCTCAAAGGCCTACCCTCCCTTCTGGCAGCGGGCCATATACCCCTCTAGGA
ATCTTTTGTGGGGGCTTTCCAGGGAGTAAAAGACCATTTGGGTGGAACATAAATCTACT
GCGGTGCTGCCTGCTGTGGCGCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCCCT
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>SEQUENCE:3048:prostate_MPM2000-004P4Novel007_8Table3
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AGGAAAAATGACTTTTCACTCCCAACTGATTATGACCTTTTCAAGATGTCGTCAAGTGATGC
TTTCAGTTGTAACACGTGACTTGGTGCTGTCCCTGCTGGTCTAAGTAGAACTGTAGATTC
ATATGGGCTGGTGTTCCTGTGCGCTGTGGGTGTGGTGATTACGCCTGGCATTCTACCAT

Table 7
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AAGTTTTTGGTCTGCTGATTTGCTGCCCTGTCTTCTTACTTTACTTTATCAATACCTG
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>SEQUENCE:3049:prostate_MPM2000-004P4Novel007_8Table3
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A

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GCAGGAGTTGATGTAATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTATG
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>SEQUENCE:3060:prostate_MPM2000-004P4Novel007_8Table3

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TAGTTATGGTGTCAATTGTCATCATCCAGTTTAATGCCCTCTTTTTTCCAGTAAGAAAAGA
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>SEQUENCE:3061:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3062:prostate_MPM2000-004P4Novel007_8Table3

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CGGCTCCCCGACGATTGGTGAGTTGTCTGTGTATTGTCCGNGTAACCTATGGGTCACGCA
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>SEQUENCE:3063:prostate_MPM2000-004P4Novel007_8Table3

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CCAAGAAAAGAATCAGTCGAGCCAGTTTGGTTGCCGTGCTTCATGGCCGGTGCCACAGA
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>SEQUENCE:3064:prostate_MPM2000-004P4Novel007_8Table3

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GCTTCATCAGCGTGGGAAACAAGTTTAAGACACAGTTAAATTTGCTTCTGGATAAACTTC
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>SEQUENCE:3065:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3066:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3067:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3068:prostate_MPM2000-004P4Novel007_8Table3

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GGGATAGAGACTCTGTCCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACC
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>SEQUENCE:3069:prostate_MPM2000-004P4Novel007_8Table3

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ATGAACATCTCACGTGTGCTCACAATGTTCTGGCACTATTATAAGTGCTTCACAAGTTTT
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>SEQUENCE:3071:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3072:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3073:prostate_MPM2000-004P4Novel007_8Table3

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CATAACATCTGAATGGACTCCATTGAAATCACAGAGGCCCTTTAGTTCTCTACTTTATTA
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>SEQUENCE:3074:prostate_MPM2000-004P4Novel007_8Table3

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CCCCTTTATAATCTGAATAAATTACCCAATATTGAATTGGGACTCCCTTCAAATTTAGA
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>SEQUENCE:3075:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3076:prostate_MPM2000-004P4Novel007_8Table3

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TCCAAATTGGAGCACCATTAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGT
AAGGGCTATTTGCCTCAGGGCCTGGGGAAAAATTACAGGACCCAGGAACAGCTTTCCCTAT
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TGCTGCTCAAAAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGC
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>SEQUENCE:3077:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3078:prostate_MPM2000-004P4Novel007_8Table3
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TTCTGTAAACTATATCAAATCCTTTTTGTCTCTTCTCATTTCACTAACAGAATTTCACAAG
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ATACTTTGGGATTTTATGATTGCCAGTTCAATGAAGATGGCTCCATGATCATTGCTCATG
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CTTCTGGTGCCAAATGAGGAGTAAGTTGGATAGAAATTAACAGTTATAGCTCACAACATC
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TGTCTCACTCGTGAAAGAGTGTCCCAAATAGTGACTACTGAAGCTGCACCAAGTAATAGG
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CTCCACCTCCCAGGCCATGTGGAAGCCTGCGTATGACTTCTTACTCACCTGGAGCCATCA
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>SEQUENCE:3149:prostate_MPM2000-004P4Novel007_8Table3
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CAGGGATGGGTCCATTATATGATCCATGAACCAGAACCTCACATCTTGCTGTTCCGGCAC
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TATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAACCA
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TTGAGAGGATGGAGAGTGAAATAACTGGAAACACTGGGTTATCACAGCTTAATTTTCATCC
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>SEQUENCE:3155:prostate_MPM2000-004P4Novel007_8Table3

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AGTCTCCTCTTTTGAGGAGAAGATGATCTCGGATGCCATCCCCGAGCTGAAGGCCTCCAT
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CTCTGTGGGCGCATCAATAAAAGCCGTCTTGATTTTATTTTCAAGGTCCCTTCTGTAA
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ATTGTTATCCGCTCACAATTTACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCT
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>SEQUENCE:3159:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3163:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3164:prostate_MPM2000-004P4Novel007_8Table3
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CAGGAATCTGTATTTTTCATAGCAACCTCAAGTAATCTTTATTCTGAGGGTCTCGGGATT
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GGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCT
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AGCCCTGATAAGTATTCCTGCAGGCGGAGTGTGTGTAATCGTCCTCGAAGTCCATGGCAG
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AAAAAAGGGTGATGATCCCAAGGAAGTCAAACCTAGCAAGGTCGAGCGGCCGCCCCGGG

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CAGGTACCAGGGAAACAAACATGAATAAAATACTGGCTCTTTGCTGAGCAAGCTTGGAGA
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GCTGCCCTGCATGGCTGGTTCATTTCTCTGTGCCTTCTCTGACCCCTCGTTAGGACCTG
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GCTGCCCTGCATGGCTGGTTCATTTCTCTGTGCCTTCTCTGACCCCTCGTTAGGACCTG
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GGTCAGAGAATAGGAACATCAAGAAATGAGAGATATCAGAGAGCCAGAGGGGTTTGGACA
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GCCAGCCCCTCCAGAGAAAAGGTCCTGCAGACGGTATTAAGCCTAATCCAGAATAGTTTT
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>SEQUENCE:3180:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3181:prostate_MPM2000-004P4Novel007_8Table3
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ATGCCTACGTTCTCTTATCCACATCCTTTAACTAATTATAGAACCTATGACAATAAGA
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CTCTTATATATTCTCGTGGGACCTCAAAAGGATGTAAAGCAGGATCATAGTTTCTTGGA
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GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG
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CACAAGATGGACAGAAACATTCCTGTTTGATTTATTTTTTCAGACCCAGTTTGTGGAGAAA
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>SEQUENCE:3211:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3213:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3214:prostate_MPM2000-004P4Novel007_8Table3

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TACGCAGGGAGGGCAGGTGGACTATGTGTGGACTCTGGTGACCTGTTTGGGTGCCAGGTG
TACTCCCAGGGGCCACCCGTAAGTGTGAATGTGCAGGAACCCTGACTTGAGAAGGGCCTG
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>SEQUENCE:3215:prostate_MPM2000-004P4Novel007_8Table3

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AAAGCACCAGGTAGGTGGAAGGTTCTTGTATCGGTTTGAACCCCGACAGCGCGCCAACAG
ACAACACGAGGCAGTGGGGAGCAACATGCTGTTTTAATGAGCGCCTGGGTGCAGGCGTGC
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>SEQUENCE:3216:prostate_MPM2000-004P4Novel007_8Table3

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TGTTTCAGGACAGTGGAAGGCTTATAGATGAGGCCAAAGCACCAGGTAGGTGGAAGGTT
CTTGTATCGGTTTGAACCCCGACAGCGCGCCAACAGACACGAGGCAGTGGGGAGCAA
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>SEQUENCE:3217:prostate_MPM2000-004P4Novel007_8Table3

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TTTAGTGCAATTAAGGAAAGCTGGAAGGCTCAAGGGCAGAGCAAGTTCTGAAGAGTATGC
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GAAGTTTTAACTTGACTCCAGGAAAGCAGTCTACACGGTTGTTCTCTCTGGAAATGGC
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ACAACAGAAGGCAACATAGTATGGCGGTTAAGAGCACCGACTCTGAAGCCAGCCTGAATC

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CTAGAGCCAGAGCTGTGCAACAGCAGGTAAATGACTTATCCTGTGCAGTTTCCTCCTTAA
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GCTCGGGACCATTTGGCTGGACCCAGAGTCCGCGTGGAACCGCGATAGGGATCTGTCAGG
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ATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGG
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>SEQUENCE:3220:prostate_MPM2000-004P4Novel007_8Table3

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AGGGCGTTGGGGTCGTAACCCCTCACATTCAGGCTTCGGTCGGCCCAAGTCTCCAGGCTCC
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>SEQUENCE:3221:prostate_MPM2000-004P4Novel007_8Table3

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TAGGCAAATTCAATGTTCTGGAAATTGTCCAGAAGGTACCTCGGCCGCTCTAGAACTAGT
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>SEQUENCE:3222:prostate_MPM2000-004P4Novel007_8Table3

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TCCTTTTCTCCTGCAAACTGGTGGTAGAAACAGTGGCATGCGGGGGATGGTACATCACA
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GCCCCCAGATAAGACCATCTAGTTGCAGAAAAATAAGCTCAGAGCTTCCACTGATTCTAC
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>SEQUENCE:3226:prostate_MPM2000-004P4Novel007_8Table3

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C

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TCTGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTA
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ACCAGCACATCCACTCACTCCTGCTGTATGCCCTTGTGCGAGGGGGGTGTTAGTATTTTC
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>SEQUENCE:3229:prostate_MPM2000-004P4Novel007_8Table3

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ATAGCTCTTTGTATTCTTTGGCATATTTTATATCCTGGTAGAAGAAAACAAGTGCTTGT
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>SEQUENCE:3232:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3233:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3234:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3235:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3236:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3237:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3238:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3239:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3240:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3241:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3245:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3246:prostate_MPM2000-004P4Novel007_8Table3
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Table 7
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>SEQUENCE:3248:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGCGCCCGGGCAGGTACAGCT
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AAAGCACTAAAATGGGATTAATAAGTATACAACACTAGGGCTGAGTTCCACCCAACCTAGA
AACTAAAAACAATGAGGCTGCCTCTCACTGTTAGCTACTAACCTCTTAAAAAAAAAAAAAA
TCATAAATTCTAGGACCTGGGAAATTGAAATACAGATTAGCAAAAATCCCTCAAGGAAAC
AGATCATAGATTCAAATAGTTAATATAATCAAGTCTTTTTTTTTTTTGAGAAACGTAACA
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>SEQUENCE:3249:prostate_MPM2000-004P4Novel007_8Table3

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACTTTGTTCTTGC
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TGTCCCAAATAAGCAGAGAGAGAGTAGAAAAGCAAGCAGTGTTGGGAAGGGACAGCAGGG
AGCAGTGGCCAAGTGGAGAACTGCCAGGATAGAGGAAAGGAGAATTACCTGGAATGGGG
AGGAGATGGGGAAGACTTCCAGAAGAGCAGAAGCTAGGAAGCCCCTGGGGTGGTGCAGG
C

CCACAGTGGGAAATGGTTCACGGTGTGTCTACATAGCGATCTTGTCTCTAGACTTCAAAG
AGATGCTGTAGAGGATTGGACTGCAGTTTTTCTCATAGCCAAACAGCTGGAAGCCAGTT
CCCAGAAGACCAAACCTGCATGCCCAATCGCCAAGGTAATTTATTCTTATTACTTGATGT
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>SEQUENCE:3250:prostate_MPM2000-004P4Novel007_8Table3

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACATCTCTAGATG
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TGTGTATAGGGTGCCTGCAGCTACACTAAACATCTTAAAGCTACCACAATGTTCACTTCA
TATTTTGTCTTTTATAGGCTTTCTTGGTCTCCTCCTATGTTCCCATCATTTTCTTGCTT
TGAATCTGTAAGAATCGAGTTGAATCTTCTCCATTTTAAATTTTCCATAGGCTGAGAAAC
TGTTTAGCCAAGTTTGGATAAAATTGTATCCAAAGTAAGAGTATACAAGCTATGGGCAAG
TCCAAAATCAAGCTGTTACAGGACCATGTTCTCTCTAAAGGTTCTAGGAGAGAATCCCT
CATTTCTTCCAGCTTCTGGGTGGCTGCTGGCATTCTGGGCGCGGTGGCTGCATCCCTCC
AATCTCTGCCTCCATCTTACATGACCTTCTTCTTGGGTTTCTATGGGTTCTTCTCTGT
TTTTTATGAAAACATTTTCATTG

>SEQUENCE:3251:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTTGCTTGGT
CACTCAGTGCTCATGGGGATTGTTAGAAGCTTTACTTTAGATCCCACTTCTGATGCCATC
TTTCAGTCCAGAGGAAATAAGCATCCTTCCATGCAAGGGGTTCTTAAATTTTGTGTTACT
TTTATTTGTTTGTCTTCTTGCTTGTCTTTATCTTTTGGCCTTTTGGTGACTTGGTGCTCC
TTGGAGTCACTGGAGTTCTACTTTGAATCCCACTCTGACATCAATCGACTGCCTTAATTC
CTGGTCCAGCTGCCCGACCTGACTCTCTCCCGCTCTTTTCTCAGGTGCAAGGTTTCT
TTAAGATCACGCTGACGTGCGACCCACGGCTGCCGTACCTGCCCGGGCGGCGGCTCTAGA
ACTAGTGGATCCCCCGGGCTGCAGGAATTGATATCAAGCTTATCGATACCGTCGACCTC
GAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTATAGTGAGGGTTAATTGCGCGCTTGGC
GTAATCATGGTCATAGCTGATTCCTGTGTGAAATTGTTATCCGCTCACAATTTACACAA
CATA

>SEQUENCE:3252:prostate_MPM2000-004P4Novel007_8Table3

CTCACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACGGTCC
ACTAGCACAGAACTATGGTATGGGCATCTGAGAGTGCCCTGTAAGCAGGTGTGGCCAGG
CTGGGGCCCTGGGAGAGGCAAGCAGACTAAGGAGTGCTGAGACAAAGTGTCTACAAGGGC

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AAGTGGAGCCTAGAGAGATAGCTGTCCCTGCCCTCTGGGCTCCACATCACCTGACTTGCT
GCTCCACCACTTTGCTTGTCTCCTGGGTGCTCCATCCCAGAGACATGTGAGTTAGCAATC
ACTTAGTGTAATCAGCCCAGGATGGAGGGTCTGTGCTGTGGGCCCAAGCCAGGGTTCCCT
GTCTGGTGATGAGTAGTGGAGGGTGTGTGGTACCTCGGCCGCTCTAGAAGTAGTGGATCC
CCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCC
GGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTC
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>SEQUENCE:3253:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGC
AGGTACTTTTTTTTTTTTTTTTTTTTGGAGACCAGGTCTCACTATGTTGCCAGGATGGTCT
CAAACCTCCTGAGCTCAAGTGATCCTCCCGCCTTGGCCTCCCAAAGTGCTAGGATTACAGG
CGTGAGCCACCACACCCAGCCAAGTTCCATCCACTTTTGAACAAGACATTTATGTATA
GGAAGAGAATTATGGAAACACTTTGTAAAACATCCATTTATTATATCCAATGCTAAACAC
TACCACTTGGACTCTAAGATATGTTTATGCCTCTCTGTTTATTCTAGTTTTTAAAAATC
AAATATATATACCTACGGGCATAAAACCTCTATCGTTATTACTTTTATGTGTTTAAACAA
ACCCCTACACTTTGAGTCTAACTTTCTACTCATCTGAGCTGTTTTCTACTTTATGAAAA
GTGGCAGACTGGGATTAAAATTTGGTCTAATAACAAACCTCATCCCGCGTACCTCGGCCG
CTCTAGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT
CGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC
GCTTGGCGTAATCATGGTCATAGCT

>SEQUENCE:3254:prostate_MPM2000-004P4Novel007_8Table3

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGCATGGCTCAAG
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GCTGCCCAAAGGCTAGTCAGGAAAACAGGACCTTCTGGGGAACCTTACAGAGTTTGAGCAA
TAGGCCTGTTATGTCAACCCCAAGCAGAGTGGATGAAGACAAGGCAAGGGACAGGCTGAC
AGCTGATTCTGGGTTCTCTGATGTTTACAGGAGAGATCAAGCAAAGGAGACAAAAAAG
GACTGTTTACACAGGGGGGAAACCAACACTGAAAACCTCTGGAATGAAGAGTTTTTCAGAA
TGCGTTGTTGCTATCCTTGGAGCTGAATGGCTATCATAATGATGAATACATTAATTCAGA
TTTTAAAAATTAATCATTAGATGTGATACAAGAGACCGGAATTAGGATCTTAAGGGTTGC
ACTCAGTATTACCTGCCCGGGCGGCCGCTCTAGAAGTAGTGGATCCCCC

>SEQUENCE:3255:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTA
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ACAGCAATAAATATGCAGTTCTTCCCTCCCTTTTTCTCCACCAGATGTTAACAGGGAACG
ACATGAAGACTTTTACGCAGAGCTTAAACAGTCAACCCTCTCTGTTCTTACAAGTTTTT
GCCCCATCAATGGCTAAATAAAAGATGTTGAAAACCTGTGGAAAAAAGTAGAATGTATTTA
ATTAGCAAACATTTGATGAGTGGTATCATGCTATCGAGTTGGAATTTAAGGAAGGGAAAT
TGAAGATGTGTTAGATGTGGTGGTTTCTTCCCTCAAGAAGCTCATGGTCTAATGGTCATGC
TAAAAATGTGTATCACTGAGTAATGTGGTAGCTATCAGACTTAAAGCACTGTAGGCTTGG
CATGGCGGCTCATGCCTATAATCTCAGCACTTCGAGAGGCTGAGGTGGGAGAAAAGCTTT
AGGCCAGGAGTTTGAGATCAGCTTGGGCAACACAGTGAGATCTCATCTCTACAAAAATA
AGCAAAAATAGTTA

>SEQUENCE:3256:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTGAGTGAGGCGTCGGCTG
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TTGGCCCCTGAGCCAGAGCTCCAGCAGCCTTGTTAGGGCGTGGCCTGAGGCTTGGATAAG
TGGGATGTAAAACGAAGATCAGGAGCAGATTTGAAGAATTACAAAGTGAATTGGTGCCAG
TCAGCATGTCAGAGACAGACCACATAGCCTCTACTTCCTCTGATAAAAATGTTGGGAAAA
CACCTGAATTAAGGAAGACTCATGCAACTTGTTTTCTGGCAATGAAAGCAGCAAATTAG
AAAATGAGTCCAACTATTGTCATTAAACACTGATAAACTTTATGTCAACCTAATGAGC
ATAATAATCGAATTGAAGCCCAGGAAAATTATATTCCAGATCATGGTGGAGGTGAGGATT
CTTGTGCCAAAACAGACACAGGCTCAGAAAATTCTGAACAAATAGCTAATTTTCCTAGTC
GAAATTTTGCTAAACATATTTCAAAAACAAATGAAACAAAACAGAAAGTAACACAAATAT
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GCCCTATGATACAGACTGCACCAAGAAATTTATTTCAAAAATAAAGAGCGTTTC

>SEQUENCE:3257:prostate_MPM2000-004P4Novel007_8Table3

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CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGTGGTGGTGAAGCTGTAGC
CGCGCTCGGTGAGGATCTTCACCCGCGTACCCGCTAAACTGCACAGCTCGACCTTCATG
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CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG
ACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC
TTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGGTATCCGCTCACAATTCCA
CACAACATACGAGCCGGGAGCATAAAG

>SEQUENCE:3258:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACCCCT
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GCTGTGCTACAGGCGGGGCCATGGCCACCTTGAAGCATAACCACACATTTGCACTGCATAT
CACTTTGGGATGGGGTCCCCCCCCCAGAAGGAGAAGTGGGCATCTCCCCTTGCCCAGCCTG
CACACTGGGCTGGCAGCAGGGGATGAGAAGCCCAGGTGAGCTCCCAGGGTGCCACGGT

C
AACTGCTTCTGGGTCCTGGGTAAATCCAGCCCCGGCCCGGGTTCCCTGTGGGGATGTGAGG
CGGCCACGGCTCTCTCGGCCCAAATGTGGATCCGTGGTGGATGAAGTCCGTTCTTCTTCA
AGTGCTATCTTGATTTCTTCCCAGGCCGGGTTCCTCCAGGAGTGGTGAACATTGTGCCA
GGATTCGGGGCCACAGTGGGAGCAGCAATTTCTTCTCACCTCAGATCAACAAGATCGCC
TTCACCGGCTCCACAGAAGTAACCCTCCCCACAGGGTGCTGGGGAAAGTGAAAGGGGCGT
GTTATTTGACACCCGTGAGCTTTTCCTTTGACAGGCTTTAATATGATTTGTTTTCTTCT
AA

>SEQUENCE:3259:prostate_MPM2000-004P4Novel007_8Table3

CGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTT
AAAGTTTTTGGTTAGCAACTGTTTTGTCTGTTGTGGGTAGATCCATTCTACCTTCAGCC
TTCGGGTCCTACAGTTAGGCTCTACTTCCCTGTCAGCTCGCCTCAGGTGGGGATAGTCAG
TGGGACAGCAGGTGCACATCCTGGCCAGGCCTCCTGCACTGCCCTGAAGGGCCACCCTGG
TGGCACTGACCGTGGATGGCCTGTGGTCGTGGCCCTTTCTCCTTTCTCTGTCTCATGTCT
TGTCTGTATGCTGCATGTTCCCTGAAGATTGCCTCTTTTAAATAAACTTATTTTTTAAAT
GATAAACACTTATTTAACAGTTTAAATGTTTATGTTTCCTTTTTACTCATTAGGGTGAAAA
TGGGATGGAGGATTGTGTCATGGCCCTAGAAACCTTGTTAGTGTTCTGCTTTCTCTTTG
CAGACTTATGGTAAGATGATTGGCTTCTTTCTAGTACCTGCCCGGGCGGCCGCTCTAGAA
CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCCTC
GAGGGGGGGCCCGGTACCCAACCTTTGTT

>SEQUENCE:3260:prostate_MPM2000-004P4Novel007_8Table3

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACCTGCACG
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ATTTCACTCACCCGGAACCTTGCTTCATGAATTTAAGAAATTTGGCAAAGTCATGCACTA
CTGAGTGGCAAAGTAGGGAACAGAAACCAAGTTTTTGGGCTCAAAGCCCACTCATGACC
ACTGACCCCGACTATGTCTCTGCCTCCCCTGCTATCCTACCCAAAACCTGCCTGATGATG
CCCTTAAGTCCAAGCAGAAGAAGTTCTAATTCATTCCTTTCTTCTTGGTTTTTTTTTTT
TTTTTTGAGACGGAATCTTGCTCTGTCACCCAGGCTGGAGTGCAATGGTGCGGTCTCAG
CTGACTGTAACCTACGCCTCCTGGGTTTCGAGATTCTCCTGCCTCAGCCTTCCAAGTAGCT
GGGACTACAGGCACCCACCACACCTGGCTAATTTTTTTTGTATTTTA

>SEQUENCE:3261:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTCCAGGG
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TTAAGAATTGCCTTTGGGACTCTGAAGGCTGAAGAATTGATGAATTGCAAGTTTGTGCCC
CATAGCTGCACAGAATGTTTCATCATTACTAACAGGATATTCCTCATGACATTGCTGTCT
GATCTTTGACCATCAGTCTGTGACCTGCCCTTCTCTTTACGTAAGTAAAAGTGATTTCT
TTACCTTTAAAAAAGTACCAACGCAGGGCTGAGCCCCAGCTGTCCTTGACAGGGT
GTCTCTGCCAGCCTCTGCAGGGAAGCAGGACTGACCAAAATCAGCCCCGGGGCCCCCCTC
TGGCTGCCCTGCAGTCCTGGTGTCACTGCCGAGTGCTCCGGGGAAAGGACTGTCAGGCAC
AATGTCACTGACAGAGTCTGTGGAGTTCTGGGGGCTGTTACAAGTCCTGGGCGTAAGTGG
C

>SEQUENCE:3262:prostate_MPM2000-004P4Novel007_8Table3

Table 7
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CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCG
GGCAGGTACGCGGGGGAAGTGGTTGGTGCCTTAGCAACTAAAGCTGGCAACTGGGACATC
GTCCGGTGCTGCAGGTCTCAGCCGAAGGGCGTCGGAAACTGCGCTCGCATCGAGCAGTTT
CCAGCCTCCTGGGTAAAGGAGCAGTCTCCTCCCTTGCTTGGGACTCTGGACGCATCTCAT
TCCGGTGAAAGTAAGGGACAGCTTAGGACCAGAAGCCTTTCGCGGAGAAAAGGCTGACAT
GCCCCGTCCTATATGACAGGTTACTGAAGCTAAAGGAGATGTTTAACTCCAAGTTTGGATC
TATCCCAAGTTTTATGTTTCGAGCACCAGGAAGAGTCAACATAATAGGAGAGCATATAGA
TTATTGTGGATATTCTGTTCTTCTATGGCTGTAGAACAAGATGTGCTAATAGCTGTAGA
ACCTGTGAAAACGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT
CCCTTTAGTGAGGGTT

>SEQUENCE:3263:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGCTGAT
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GGGTGGGAGCCACGGAAGAGTTGCTGGTCCCGGTGGGTCCATCTGACTTTGAAGCATCTT
TTGCAGTTTGAATGTTTCCAGTGATGTCTGAGCAGCTCACAGCAACAGGCACAAAAGTTG
TCCATACGTAAGCTGTGGTGGTGAGTTCTCTTTAAGTCTAGATTAAGTTGTCCAGCTTCA
GCTTGCAGGGCTTCCGGAAGGGCAGTTTTTGTCTGTAATGCCAATAGGTTTGGATGA
ATTCTTCTCTTCTCAGATCTTTAAATATATCTAAAGTTTCTGGGCCCTTTTTTTCATAA
GGCTAAAAAACCCAGTAGTCTATGCACATTTTAAATATGATGCTCCAGCCAAAGCCTTG
GTAAATAACCAATGTTTCCAATTGTATTCAATGACACCCTCCAAATGTGCAAAGAGAAG
CAGTGAGCACAAG

>SEQUENCE:3264:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGGCTGGGT
CCTGGGGACAAAGCAGTGGGCAAGGCAGAGTGCCATGTTATAGCTGGCGCAACAGCCAAG
GGCAGCAGATGACTGGGAGAACAAGGTGATTTAGAGAGTGGTCTATGCTAGGAAGAAAA
AACAGGTTTGTCTTAGGAGTGAGGGTTACTTTAGATAGGGTGACCAGTGAGGGCTTCTT
GGAGACGGTGGCGTTTGAAGTGAAGCCTTAATGCCAAGAAACAACCCCCATAGCAAGACC
TGNGCACAGAGGGGCCTACAAAGGCAACGGCCCAAGTGCCAGGGACTGAGCTTGGGAGCT
G

AGGAAATAAAAGCCAGCCCTTCCNCAGCTGTCCATTGCTTGATCTCATGCTTTTTTCTCT
CCACTTGAGCCAGCCTGAGATAGCTTTCGCCACTAGCCCTGGAGAAGGCAAGGTTTTCTG
TCCACACCCTCTCTGCTTGCACACTCTGGGCCTTCTTAGCTTGATCCTCTTCTCTGTC
CAGCAACTGAGGGTCCATCGTAGCTGCAGACATTTGTGGACGGCCGCTCTAGAACTAGTG
GATCC

>SEQUENCE:3265:prostate_MPM2000-004P4Novel007_8Table3

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGG
GCTGGGTCTGGGGACAAAGCAGTGGGCAAGGCAGAGTGCCATGTTATAGCTGGCGCAAC
AGCCAAGGGCAGCAGATGACTGGGAGAACAAGGTGATTTAGAGAGTGGTCTATGCTAGG
AAGAAAAAACAGGTTTGTCTTAGGAGTGAGGGTTACTTTAGATAGGGTGACCAGTGAGG
GCTTCTTGGAGACGGTGGCGTTTGAAGTGAAGCCTTAATGCCAAGAAACAACCCCCATAG
CAAGACCTGNGCACAGAGGGACCTACAAAGGCAACGGCCCAAGTGCCAGGGACTGAGCTTG
GGAGCTGAGGAAATAAAAGCCAGCCCTTCCCCAGCTGTCCATTGCTTGATCTCATGCTTT
TTTCTCTCCACTTGAGCCAGCCTGAGATAGCTTTCGCCACTAGCCCTGGAGAAGGCAAGG
TTTTCTGTCCACACCCTCTCTGCTTGCACACTCTGGGCCTTCTTAGCTTGAT

>SEQUENCE:3266:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAC
C
GACTACGGCGGACTAATCTTCAACTCCTACATACTTCCCCCATTATTCCTAGAACCAGGC
GACCTGCGACTCCTTGACGTTGACAATCGAGTAGTACCCATTAACCCCACTTAACTTTT
CTTTCTGAAAGAGACAAACTTGCTAAATTATCATGAGAGAACCAGAAAGATTCTAATGAAT
CATTTTATTTAAAAAATAACTACAGTTATCCTTTACCAAATAAAATTCCAGGTCTGCAA
CAACTTCGATTTGGCACAGAGTTGCTGCAAAGCTTAATGTGTATATTTACACACTTCAGC
CCTCTTAAAGCCATCCTACTATTGATGTCCCATCGAGTCCTTAGTTTCCTATGTTTCT
ATGTTTCTAAGTGGAACAGCAAGTCTCACCTACCTTTAGAGTCCACGCTCTAATTGCTTT
CATTCCTTTATAATATGCTGAGCTCACTTAAAGCTGGTTTCGGCCGCTCTAGAACTAGT

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GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG
GG

>SEQUENCE:3267:prostate_MPM2000-004P4Novel007_8Table3

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGCCCGGGCCAAACCCACAGCG
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AGGGCCAGGGACACAGGGAGTCAGCCGGGCAGGAGCTCGTCCTCACCTGTCCGGGGCGG
C

TGTGAGACAGCATGTCAGGGGATGAGGAGTAACCAGGCCTAGTGTCAAGGCAAACCTGTGT
CCCCCAAATGCATAAAGTCCTAACCCCCAGGACCTCGGGATGTGACTAATTGAAAACAG
GGTCTTTACAGAGGCAATTAAGTTAAAATGAGGCCATCGGGGTGGGCACTAATCCAATCT
GCCTGGTGTCTTATAAGAAGGGAGATGAGGACACAGACACAGTCAGCGGGAAGACTCTG
TGAGGGCACAGGGGGAAGGCGGCTGTCTGTAGCCCAGGAACGAGGTCTCAAGAGAGCCC

A

GCCCTGCCACAGCTTGATATTGGACTTCTGGCCTCCAGACTGTGAGATTCTCCATTTCT
GTTGATTAAGGTGCCAGTCTGTGGTGCTTTGTTATAGCAGCTTCAGAAAACCAAGACCC
CTGGAGAATACATATGTGTAGAGTGGCTGTTCCACAAAGCCTGCACAACTCTTCTGGA
AAGATT

>SEQUENCE:3268:prostate_MPM2000-004P4Novel007_8Table3

ACTATATGGCAGCTCCACCGCGGTGGCGGCGCGCCCGGGCAGGTACGCGGGGAGGTCCCG
G

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G

CTGTGGAACATCAGATAGAATGGATAGCACAGCCCAAATTTTACAAAAAGGATTTTAAAG
GAAGATCTCAATGGTGGAACACTAGAGGCTTTCCTGCTAAAGTTAAGAACAAGCAAAGGC
TGACGCAGTTTTGGCATAACAGGAAGTGTTGGAGCTGAGACTCGAACTGTCCCCCAGGCC
TTGGCCATGCTGATAAATATCTAGGCCCTACAGGAGTTCGTGTCCATGAACCCAGTAAAC
GCAATTCCTCAGCCAAAAAAGGTCCCTCGGCCGCTCTAGAAC
TAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGA
GGGGGGGCGCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGT
AATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCACACAACA
TACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACAT
TAATTGCGTTGCGCTCACTGCCCGCTTTC

>SEQUENCE:3269:prostate_MPM2000-004P4Novel007_8Table3

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGGAGGTACCCCCATTCTCT
GATTATAAACAGATAAACCCAAATGTGGATCATCCTTGAATAACCCCCATTCTCCTTGCC
TCTTAGCATGTTTGATTTAAGAAAAGCCTCCAGGAAATCTTGAGAGCCTGTCTTGGCATA
ATGCAGTGTACCTGTGCCAACCATGGGGTGTCCCGTGAGTGTGAGTGTGGCAGTGAGAA
GAAGCATCGAGGGGCGAGGGGAATATGAAAGTTGGTCTTACCTAATTACCTGTTTGGTTT
GGATTTTCAAGAGATGATTGGGCTTCTTAGCTTTTCTGAATTCTGCAGTATTTTCTAAAC
AGGATAGATTATGATCTCGGTCCCATCCATCCTAATTCTGAGTTCATCTCTGTCTCTG
CTTTACAGTCTTTAATTTTTTGTGTTCCCTTCATTTTTTTCTTTTAAATAAGACATAGCA
GAATTCCTTAGGTATGGGATTTATGAGACCAGTACCTGCCCGGGCGGCCGCTCTAGAACT
AGTGGATCCCCCGGGCTGCAGGAATTCATATCAAGCTTATCGATACCGTCGACCTCGAG
GGGGGGGCGCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTA
ATCATG

>SEQUENCE:3270:prostate_MPM2000-004P4Novel007_8Table3

CGCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGGAGGTA
CACAGCAGTGCTGTATCAAAGAAAAACCAACACACACACACAGCATTCTCAAATCCAGTTC
AGAAAAATAAGGAAGAGTGACGGTAAAATGAGGCCTATGATTAACGGTAAGTTTGTGAGT
AAATAATCTCAAGGAGGCAAGTCTTTGCAAATGAAGAACAGGGGAAAAAAACTGTGAAC
CAATCAAGCCTCTTTTCTTAAAAATTACCCAGTCTCAGGTATTTCTTTATAGCAATGCAA
GAATGGCCTAATACCACTGTCCTATGGGGAACTCCAGCGGGAGGCCTGGGACACAGAGCT
GCCAATCAGAGTCCCAGGGATTTGACTGGTTCAGGAATGGGCAGGTGACCCAACTTGGGA
ATGGTGAACTCTGGAAGAGGCTCGGCTGTAAGGCAGCTCAGCTAATGGCAATGGCTGAA
AGTGCTGAAGCCACTCCAAGGATGGATTCTTCCTGAGGACTGCAACCCAGAGGAAGGTAC
CTGCCCGGGCGGCGGCTCTAGAACTAGTGGATCCCCCGGGCT

Table 7
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>SEQUENCE:3271:prostate_MPM2000-004P4Novel007_8Table3

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AAGAGGCGGCGCTCAGACAGCACTCTGTTTTCTACAGTGGACACTGATGAAATACCAGCC
AAAAGACCAAGATTAGATTGCTTTATTCACCAAGTGAAAAACAGTCTCTACAATGCTGCC
AGCTTATTTGGATTCCCATTCAGCTGACCACAAAGCCCATGGTAACTTCTGCTTGTAAT
GGAACACGGAATGTGGCCCCCTTCAGGAGAGGTATTTTCGAACTCTTCATCTTGTAAGT
ACAGGTTCTGGATCCTGGAACAACATGCTGAACTGGGTAAATAAATCTCCTAATGGAATA
AGTGACTIONTCCAAAGATCAGAGTGACAGTTACCCGAGATCAGCCACGCAGAGTCCTGCCT
TCCTTTGGTTTTACTTTGAACTCAGAAGGCTGTAATAGAAGACCAGGTGGCCGCCGCCAT
AGCAAAGGTAATCCAGAGAGTTCTTTAATGTGGAAACCTCAGGAACAGGCTGTAACAGAG
ATGATTTCTGAAGAGAGTGGCAAGGGTC

>SEQUENCE:3272:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTAGGGG
ATCGCACACCTTGGGGTGGAAACAGCAGCTCTCCGGAGTTGCATGGGAGCCATGGGCAGT
GGTCCTGGCTGGTGAAATGATTCTAGCCACGTGGCCCACCCAGGGGGGCAAAACAATAGAA
ACCTTCAGAAATGAAACGTCACCTGGCTGCAAGAAGATAGTCCCACAGGCGCCCTAAAGA
TGGGGATGCCAAGTGGCTTCTCGGGAAGCTGTAAGAATCCACAGGGCATTGTAAGATGGA
GGGAAATATTAAGTTTTCTTCGTAAAGAGGTGAGGGGGGCGAGAGCAGCAAAGGACACTG
GAAATGAGAAGCATGGATGGGAAGTGTGCGATTGAGTATAATTTGGAGGTAAATCTCC
AACACCGTAACTGAGTGGCCTGGGGACCTGATAGAAAGCCTTGCTCAGGACTAAAGCAGA
ATTCCCAGTTATATCGCAGATACAAAGAGACCAAGAACACGCTTGTAATCACAACTTA
AGGAAGCTTACGCGGGTGGATGACCTGAGGTCAGGAGTTCA

>SEQUENCE:3273:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAGGCCGGTGG
G
CTCCCTGACATCCCTTCCAGGCAACCTGAAAGCACTGAAATAGCTTATGGCCCTGTGCCA
GGGACCTTGGCCCAAGCTGCTGACCTCCAGGGTGGGGAGGGAGCTACCCCCAGGAGAAG
A
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GGGAATCCCAGGGGGTTTCTAGATGCCAGGAAGGAAAAGGGGACAGCGCTACTGCTATGGA
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>SEQUENCE:3275:prostate_MPM2000-004P4Novel007_8Table3

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GCGAAAGCTATCTCAGGCTGGCTCAAGTGGAGAGAAAAAAGCATGAGATCAAGCAATGGA
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TAAGGTCTCAGTTCAAACGCCACCGTCTCCAAGAAGCCCTCACTGGTCACCCTATCTAAA
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ATCACCTTGTTCTCCCAGTCATCTGCTGCCCTTGGCTGTTGCGCCAGCTATAACATGGCA
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TGCTACAAGGTGCCAACCTGTATGGTTACATCAGGTGTAAGGTGCGCAGCAGAAAGCATT
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>SEQUENCE:3285:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3287:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3288:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3289:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3291:prostate_MPM2000-004P4Novel007_8Table3
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CTGATGTCCTGTCATCCACTGGGAGGGATTATGATGCTGAGAGGTATGATATCAGGGTTA
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>SEQUENCE:3292:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3294:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3295:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3296:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3301:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3303:prostate_MPM2000-004P4Novel007_8Table3

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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGGGTGACGTT
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>SEQUENCE:3304:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3305:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3306:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3307:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3308:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3309:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3310:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3311:prostate_MPM2000-004P4Novel007_8Table3

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GAAACGCCTGTCTTTCTCCATGGCAACTGTCTACGCCGCAGGCTGGAGCTGCCATTACC
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>SEQUENCE:3312:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3313:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3314:prostate_MPM2000-004P4Novel007_8Table3

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GGAGGCATATGGACTGCCATGGGTCTCCAGGCTCATGTTCCAAGCAAGAATAGGGTAAGT

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AACTGTGAATTACCCTACAAGCAGTAATAAGTTTATTATAATAATATTTTTATACATTTT
TGGATGCACCCAACCCACTCTAAAGAATGTCAGTGACTTTATACAAAAGAGGAAGCATCT
AGATTGGCATTGTGAACATAATGCATAGGGGCGCGGGCGGGAGCTCTAGAGCCTAGTGGTT
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>SEQUENCE:3315:prostate_MPM2000-004P4Novel007_8Table3

CCGTGGTGGCGGCCGAGGTACTGCGCAGCAAAACAATTCTATCTTCTTAATAGTTCTTCT
ATGTCTTTCCAGCGTAAAGCACAGCTCATGGAACAGACGGCAGTGACAGGCGGGCAGTG
GGAGGCGGGAGAACGGCTTGAGCCCAGGAGTTCGAGACCAGCCTGGGGCAATATAGCAA
G
AACCGCCTCTCGCGCCGGTCCTGGCCGAGGCTCCAGCTCGAGTTGTTTGCAGGCCCTCAG
ACCCCGCCCGCAGTAAACGTGTTTTCTTCATCCCGTGGCAGGCCGTCTACTTTTTAAA
AATCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAAGTGGATCCCCCGGGCTGCAGGA
ATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTT
GTT

>SEQUENCE:3316:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTGTGATTTC
ACCTAGATTTGGAGAAGGTGAGGGAGGAAAGGCTGTCCTCTTTGATCCCATACCATGCAG
GGGCAAATGGCTGCCAGCATAACAAAATAAGAAGGAAAGAAAGAAAAGTGGGCCAGGCGC
AGTGGCTCACTCCTGTAATCCCCCTGATTAATCTGCGCGAACAGTGCTGAGCGGGAAGCA
GACTCATCTGAGCCTGAACTGGTAGAGACTGGGGGAGGAGGGGGGCCTGGTGGAGGGGG
A
GGAGGACCTGATCCGGCAGAGGGTCCAGATGGCAGTCCGCTCCCCGCGTACCTGCCCGG
G

CGGCCGCTCTAGAAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA
TACCGTCGACCTCGAGGGGGGGGCCCGG

>SEQUENCE:3317:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTAT
TTTACCTATGACCCGTGGATTGGCAAGTTATTGTATCTTGAGGACTTCTTCGTGATGAGT
GATTATAGAGGCTTTGGCATAGGATCAGAAATTCTGAAGAATCTAAGCCAGGTTGCAATG
AGGTGTCGC

>SEQUENCE:3318:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG
ATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGGCAGCAGG
C

GTGCAGTTTCCCGGCTCTCCGCGCGGCCGGGGAAGGTCAGCGCCGTAAATGGCGTTCTTGG
CGTCGGGACCCTACCTGACCCATCAGCAAAAGGTGTTGCGGCTTTATAAGCGGGCGCTAC
GCCACCTCGAGTCGTGGTGCGTCCAGAGAGACAAATACCGATACTTTGCTTGTTTGATGA
GAGCCCGGTTTGAAGAACATAAGAATGAAAAGGATATGGCGAAGGCCACCCAGCTGCTGA
AGGAGGCCGAGGAAGAATTCTGGTACC

>SEQUENCE:3319:prostate_MPM2000-004P4Novel007_8Table3

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCACTGGCAT
CGTGATGGACTCCGGTGACGGGGTCACCACACTGTGCCCATCTACGAGGGGTATGCCCT
CCCCCATGCCATCCTGCGTCTGGACCTGGCTGGCCGGGACCTGACTGACTACCTCATGAA
GATCCTCACCGAGCGCGGCTACAGCTTCACCACCACGGCCGCTCTAGAAGTGGATCC
CCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC
GGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTC
ATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCACACAACATACGAGCCGG
GAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTT
GCGC

>SEQUENCE:3320:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTGCTGAGA
AATGGGCCCTTGCCAGATGCTCCCCTCTCCTTCTCTGCGAGGCAGAAAGTCAGAAGG
TAGAGATTGCTGGCAAACTGTGAAGTCCCACCCTGGGGTCTCAACCCCAACTCCACTGA
GGGCAGTCTCCCTGACCTGGTGTGACCTAGGCAGTTAAAGGGTGTGCGGTTGATGG

>SEQUENCE:3321:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGTGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTCTTGTGAGAGAAGTT

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ACATGTTTCATTGTGAAGGAAATTATATGTAAATCACAAAGATCATGGTCTGTGAATAATG
TGCCATATCTCACAAAATATGGTCATTGGAATCTTATTAATAATTATCTACAGGTGACTTC
AGTTTCCATTCTCCACCCTCTGCCTTAAGATACGAAGCCTTGACATGACCACATCCCAGT
CAGCATAAGCTCCTTCTAGATGGCGGGATATCTCAGTTCCTGCTTCATAGCTACGTCGGC
CATGAAGTAAGCGCCAGTTATCAAAAGTAATCACATCACCT

>SEQUENCE:3322:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGACTTTA
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AGATGAGACACTATGAAATGTGACTCCACAAGCTTTCTGCTGCTTGCTGTGTCTTGATAA
CATTAAATGCTATGTTTAAAAAAAACAATTGCTTAAATGAACCTAAAGGGCCCTTGGA
GAAGGAATGCCATTCTCCAGACCCTGTGTGCGCATTGCGAAGCTTTAAGTGTAAGGGC
TTATTCTTGGTGCTA

>SEQUENCE:3323:prostate_MPM2000-004P4Novel007_8Table3

GGGCCCTGTCAGATGCATGCTCGAGCGGCCGCGAGTGTGATGGATATCTGCAGAATTCGG
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TCAGGAAGAGAAAAGGAGAGAACTACTCTACAGAGATTTTTGAAAGACTCCGTGGGATC
TCAGCAATTTGTTAACACTGCTAGGGCCCTTCACTGCATAGGGAGGCATATGGACTGCCA
TGGGTCTCCAGGCTCATGTTCCAAGCAAGAATAGGGTAAGTAACTGTGAATTACCCTACA
AGCAGTAATAAGTTTATTATAATAATATTTTTATACATTTTTGGATGCACCCAACCCACT
CTAAAGAATGTCAGTGACTTTATACAAAAGAGGAAGCATCTAGATTGGCATTGTGAACAT
AATGCATATGGGCGCGGGCGGGAGCTCTAGAGCCTAGTGGTTAAAACCGTGGCCTCTGGAA
TATGACTACCTGGACTTGAATGCTCACTCTGCCATTTATTAAGTGCATGACCTTTGAAAA
ATAACTTTTTCTATCCTTCGGTCCCTCATGTGTAANATGAGGATAATAACTACTTATCTCA
CGGCGTTGTTCTAAGTATTAAATGGGATAATACAGGTAAAGTACCTGCCCGGGCGGCC

>SEQUENCE:3324:prostate_MPM2000-004P4Novel007_8Table3

ACTACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTCTTGT
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GTGAATAATGTGCCATATCTCACAAAATATGGTCATTGGAATCTTATTAATAATTATCTAC
AGGTGACTTCAGTTTCCATTCTCCACCC

>SEQUENCE:3325:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTGAGTGAGGCGTC
GGCTGTGTTTCTCACC GCGGTCTTTTCTCCACTCTTGGCTGGTTGGACCCCGCTATGG
AAAAGTTGGCCCCTGAGCCAGAGCTCCAGCAGCCTTGTTAGGGCGTGGCCTGAGGCTTTG
ATTAAGTGGGGATGTAAACGAAGAATCAGGAGCAGATTTGAAGAATTACAAAGTGAATT
GGTGCCAGTCAGCATGTTTCAGAGACCAGACCACAATTTAGCCTCTACTTTCTTCTGATA
AGAAATGTTTGGTGGAACACCCCTGAATTTTAAAGGGANNAGACTTCATGCAAACTTTG
TTTTTTC

>SEQUENCE:3326:prostate_MPM2000-004P4Novel007_8Table3

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGTATTAAGGC
CTATCATTCTGGTGAAGGACATATGCCCTTTAGAACTGGAAGTGGTGGCATTGCAACTTG
TTACAGTCCACGGACTTCAACTGAATCTTTTGCTCCACGGGATTGAGTGGGACTGGCACC
CCAGGATAGCCAGGCCAGGTACCATTTTAAAGTAATGGGACCAACATGATTATGAGCCCCA
GAGATGCCTACCATGGAGCCAGAAGGGGGTCTTGATGACAGTGTGAGAGTCACTTTTTT
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>SEQUENCE:3328:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGAGGGAGCCACA
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AACATTTCTGTCATCACAGAAAGTTCCTTTGGACAGAGCCATGTTAAGTGTATGTTATCAC
AAGATGGACAGAAACATTCTGTTTGATTTATTTTTTCAGACCCAGTTTGTGGAGAAAAA
TAATGATGCTTTACATATGTCTCTTGAATCCTTAATATGTGAATCCAGAGATAAGTTTAT
ACGGGAATTATTTGAATCATCCACAAATAACAACAAAGATACTAAACAAAAAGCAGGAAA
ACTTAGCTTCATCAGCGTGGGAAACAAGTTTAAAGACACAGTTAAATTTGCTTCTGGATAA
ACTTCGAAGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA
ATT

>SEQUENCE:3330:prostate_MPM2000-004P4Novel007_8Table3

GGAGCTCCCCGCGGTGGCGGCCGAGGTACAGGGTTGGCGCTCTGTTACCCGATTGCTTTC

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CAGCTGTGTCTGGTTCCCATTCATGCTGCCTCCAGCAACGGATAAGTATACGGCAGCACC
TCCTTATTTGAGTGCAAATGTCTGGTTGTAATAGAGGTAGATGATTCTTGGTGTGGTGCC
GTGGTCATTGTCCGTTTGTGTCATGGTAACATGTTATCCGACGTACGGCCGAGGTACTCC
TTCAGCCGCTGCACGTTGGCCTGCAGGGACTCCGTGGACTTGTTCCGCCTCCTCGGATCC
ACAGAAATGCCGATGGTCCGGGGCCACCTTCTTGTGAATGCCGGCCACCCTGAGCTCCTCC
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CAAGCTT

>SEQUENCE:3331:prostate_MPM2000-004P4Novel007_8Table3

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ACCTGGGCACAGAGGGACCTACAAAGGCAACGGCCAGTGCCAGGGACTGAGCTTGGGA
G

CTGAGGAAATAAAAAGCCAGCCCTTCCCCAGCTGTCCATTGCTTGATCTCATGCTTTTTT
CTCTCCACTTGAGCCAGCCTGAGATAGCTTTCGCCACTAGCCCTGGAGAAAGCAAGGTTT
TCTGTCCACACCCTCTCTCTGCTTGCACACTCTGGGCCTTCTTAGCTTGATCCTCTTTCC
TGTCCAGCAGCTGAGGGTCCATCGTAGCTGCAAACATTTGTGGACGGCCGCTCTAGAACT
AGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCAACCTCGAG
GGGGGGCCCGGTTCCCAACTTTTGT

>SEQUENCE:3332:prostate_MPM2000-004P4Novel007_8Table3

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTTTTTTTTTTTT
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GATGTCCACACCTCTTCCCTGTAAGTTTGAAACGATATAATGCCCTTCTCATATCCTGCT
CGTCCATTTTCGATCTTTTTGGGATAATGATTCTGTCTTCCAGCATCCCCAAATGAGATC
AGCACACTCTCAAAGATCTCGGCCAAGTCATTAATAAAAAGCCCTGAACAGAACAGGCCA
AAGGAGGTCATCACAAAGTTGCAGGGGAGATTCATACCACAGCAGAGCAGCCTGAGCCAGC
CGGAGTCCAGGAGAGCCAGTTGGGGTGACCTGGGAGCCAGAACCAAGGTCAGGCATCAGA
GGGGCTGGGCACATGGGGAAGATACAGGCTGCATCCCTGGGGACTGGGGACACCAAGTT
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GAGAGACGTGATTCAGGGTGCAG

>SEQUENCE:3333:prostate_MPM2000-004P4Novel007_8Table3

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G
TGCCTTGCTTTCCATGACATTTCCCCTTCAAGCACCAACACATTTTTCTGGTGATACCCA
AAAAACATATTATCCCAGATTTCTGGGGCAGAAGATGATGATGAAAGTCTTCTTTGGGAC
ACTTTAATGAATTGGTTGGCAAGAAAATGT

>SEQUENCE:3334:prostate_MPM2000-004P4Novel007_8Table3

ACTCACTATAGGGCGAATTGGAGCTCCATCGCGGTGGCGGGCCGAGGTACTGACAGAAGTC
TACATAAGGGACAGCAGGGGAACAAAAAAGGCACAGTCAAAACATCTTTGACTGCAATT
TGGAGAACTTTAAACAAGGATTATCCTTTCTACAGGCATACTGAAATTTTCTTT

>SEQUENCE:3335:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACTTTTT
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TAGGGATTTGCCTGAGAAATCTGTTGATATTCTTATGGAAGTTCCATTGTATGTGATGAA
TTACTTTTTCTTGTTGTTTTCAAATTCTCTCCGTATTTGACTTCTGAAAGTTTGATAAT
AATGTGGCTTGGTGAAGACTTTTTTGTGTTTGGCGTTCTTTGGGCTTTATTAATCTGATT
GTTCAATTTCTCTCCAGATTTGGGAAGTTTTCTGTCAATATTTCTTTAATCTTTCTGACC
ATCTCTTTTTCTCTGAGAATACTATAATGTGCATACTTATACACTTGATACCCCGCGTAC
TTTTTTTTTTTTTTTTTTATTTTAGGTCTTCAACTAAACAGCGGAAGAGGTGATTTAT
TATA

>SEQUENCE:3336:prostate_MPM2000-004P4Novel007_8Table3

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CATCAGTCCAGAACCATGCTCTGGTTGTGCATGGCATTGCATTCCGTGGTGGTGGATCAT
GCTGTGATTCTCACACGGGCTGTAGGGACAGGGACTGTGATTCTTAGCTCATGGTCTCC
GAAGAGGAAGGGCAATCCAAGGGTGGTGCTTCTTGCCCTTTCTTCTATCATCCATTAGCAG
TGTGTGATGATAACAGAGGCTAACGATTCATAACTTTATAGCCCTTATGCCAAATTTT
CATCTAGCAGAGATAAATATTAAGCCACTTTACCAATGAATCTAAACAATAATGTATGTT

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GACAATTCTGAAGCCATTTCTAATTACATTTTACGAATACTTTTAAACTAGCTTATTTA
TTAAAAATTTACTTAAGTCACATAAACTTGAAAAAGCATTGGCTCAAAGTCTGTTTTT
TTCTGATAAAGTGTTTGA

>SEQUENCE:3338:prostate_MPM2000-004P4Novel007_8Table3

CCACCGCGGTGGCGGCCGCGGGCAGGTACGCGGGATAGTCAGTTTGTGTTTGAGGCTAG
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TAATGACAGTCCATTGAATTCGGAAA

>SEQUENCE:3339:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCATTTTCCTTG
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AAATTTTAGATTTGTAGGGAAATAATGTTTTCACTTATCTCATTTGGATTCCCAAATGC
TAGCTTAAACCAAGCCAAGCAGTGGCATAAGATAATAGACCCAAAATCAGTTTATATTCC
AGCAGGATAATAGATGAGCCACAGCTGGATGTTCTCCATTTACTCATCCATGAACAAACA
TGCAGTACAGTGTGGCCGTGGTGCCACGGGCAGCTTCTGCAGAACATCCTCATCC
TTCAGGGACTTGCCCTTGGGGTCCAGGCGGAGGGACTGGCGGGCGGGGTACCTGCCCGG
G

CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA
TACC

>SEQUENCE:3340:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGACCC
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TCTCCAGATACGTGGGAGGCCAAGAGCATTTCGCTCACTTGCTGATCCTCAGGGACACCA
AGACCTACATGCTTGCTTTTGACGTGAACGATGAGAAGAACTGGGGGCTGTCTGTCTATG
CTGACAAGCCAGAGACGACCAAGGAGCAACTGGGAGAGTTCTACGAAGCTCTCGACTGCT
TGCGCATTCCCAAGTCAGATGTCGTGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGA
TCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGG
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>SEQUENCE:3341:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC
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AGACAGAAGCTGTGACCTTCTTGGCTAACCATGATGACAGTCGGGCCCTCTATGCCATCC
CAGGTGAGTAGTTAGCATTGAAATGGTGCCCGTCAAGAAGGAGTCTGGTGTGTCTCAGGG
AGAGGATTCTGATGTCCTGTCATCCACTGGGAGGGATTATGATGCTGAGAGGTATGATAT
CAGGGTTATCCCATACTGGAACAAGGCCAGTTAATGTTTCTTCTCAACCCCATCTCTCTC
CTCTCCTGTGAGTTTCACCACTGTCTTTGTCATCTCTGTGCCAGGCTTGGACTATGTTAG
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>SEQUENCE:3342:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGG
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GCAGCAGTGTGTGATTCTGAGGACACAGGGGGCTGGGGTCTAGGAGCTATCTCAGGTGGG
CTCAGTCAGTGCCATCCTCCCTTTTGGTGCTCCCTAGAAGTGCTGAGAAGATGCAAAAC
CAAAAGCTTTTACTCCAACATTGCTTAGCCAAGCTAAGCACATGCATTCCCTATGATTCA
GCAATTCTGCTCCTAGCATGTATCCCAGAGAATTGTCCCATGGGTCCATAGGGGCATATA
AGAATGGCCATTGCAGCAAAGTTCTGGTTGGGGTAGGGGGAGCTGAAAGTCATCTGGTGT
CCACAAGTGGAGGAATGGATGGATAAAATGGGATGGATGCACAAGTGGGCAGACAGATGG
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>SEQUENCE:3344:prostate_MPM2000-004P4Novel007_8Table3

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AAAGTCATCAACATTCATATTACAGCAATGCTTTTTCTTTTCTGCCCAATTAGCACCAAT
ATAAATCGTTTATTCCATCTAAGGCCCTGTATTACTTCAGGGAATATAAATCTAAGTCCC
GGCCAGGTGCAGTGGCTTACGCCTGTAATCCCAGCACCGTGGGAGGCTGAGGCTGAAGGA
TCACAAGGTCAGGCGTTTGAGACCATCCTGACCAACGTGGTGAAACCCCATCTCTACTGG
GAATACAAAATAGTCGGGTGTGGTGTACACGCCTGTAGTCACAGCTGCTCGGGAGGC
TGAGGCAGGAGAATCACTTGAATCCGGGAGGCGGAGGTTGCAGGGATCCGAGATCGCCTC

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ACTGCACTCCAGCCTGGGCAAGAGACCGAGACTCCCTCAACTCAAAATTAAAATGTAACC
GTCTTAAACACGAACATTGCTCCTGAATGCCACATGCATGAAAAACCGGGTATGCACTG
GATTGG

>SEQUENCE:3345:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACAATTTG
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ATTAAGGCAGGTCAGAGGACTGTAATGATAGAATTAAATTAGTGTCATAAAACTGTCC
CAAAGTGCTGCTTCCTAATAGGAATTCATTAACCTAAAACAAGATGTTACTATTATATCG
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AACAAATGTAGGAGCAGCTTTTCTTCTAGTTTGATGTCATTTAAGAATTACTAACACAGTG
GCAGTGTTAGATGAAGATGCTGTCTACAAGGTAGATAATACTGTTTGATACTCAAAAC
ATTTTTCATTTTGTTTAAAGTAGAAGTTACATAATTCTATATTTTAAGTCTTGGGTAAAA
AAGTAGTTTTACATTTTATAAAGTAAAGATGTAAATGATTCATGTTTAAAGCTCTAATTG
ACTTCCTTTTTTTG

>SEQUENCE:3346:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCGAAGT
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TTTCTGCTTTTTGTTTAGTATCTTTGTTGTTATTTGTGGATGATTCAAATAATTCCCGT
ATAAACTTATCTCTGGATTCACATATTAAGGATTCAAGAGACATATGTAAAGCATCATT
TTTTTCTCCACAACTGGGTCTGAAAAATAAATCAAACAGGAATGTTTCTGTCCATCTTG
TGATAACATCACTTAACATGGCTCTGTCCAAAGGAACCTTCTGTGATGACAGAAATGTTT
TGTATCTGCACTGTCCAACGCAGTCACCACTAGTCAGTGTCCCCGCGTACCTGCCCGGGC
GGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTTCGATATCAAGCTTATCGAT
ACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAAT
TGCGCGCTTGCGGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC
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TGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCG

>SEQUENCE:3347:prostate_MPM2000-004P4Novel007_8Table3

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TGCTCAATTTTTTTCCAAGGGGTCCATGGCCATTCAACTCAACAATCAAACCAAAGCCAA
AGACATAATTGGCAAAATTTCAATATGAAAACAGAATACTGCACTGGCAGCGAGCTGCACT
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GAGCCCCAACATGTATTCTCTTCACTATTGGCCTGGACATCTCCACATAGGCAGTCA

>SEQUENCE:3350:prostate_MPM2000-004P4Novel007_8Table3

GCGCGTTATACGACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAC
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A

GCGCCGGGAGGAGGGTCCCGCCGAGACTGTGGGCTCCGAGGCCAGTGACACTGTGGAGG
G

CGTCCTGCCCAGTAAGCAGGAGCCCGAGAACGATCAGGGGGTTGTGTCCCAGGCTGGGAA
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TGGAGACTTGGGCCGACCGAAGCCTGAATGTGAGGGTTACGACCCCAACGCCCTGTTTTG
CATT

>SEQUENCE:3353:prostate_MPM2000-004P4Novel007_8Table3

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TTGCACCTGTCCCAACTGTAAAGAAGGTGGTGAAGAGGTACTGCCTTCTGTGACTGGGT
GGCACCTCCAGGGCACATTTACACAAGGCCCTGAATCTGCAGAGGCTGTTTCTCAAGATG
CCCGTCATGGTGTGGCCTGNGCCAGCTCTGGCTTCCACAGGTCCCTGACTGTCCTCAGAG
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TCCCAAGGCCTGCCCCCTTCTTTAAGACTGAACTCAAG

>SEQUENCE:3355:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGCCGGGCAGGTACGCGGGCACCGGT
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AGGCAGGTGCGGTAACCTGCCGCACTGGACCCTAGGAAGCCCCAGGTATTCGCAATCTGAC

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CTCCTCCTGTCTGTTTCCCTTCACGGATCAATTCTCACTTAAGAGGCCAATAAACAACCC
AACATGAAAAGGTGACAAGCCTGGGTTTCTCCCAGGATAGGTGAAAGGGTTAAAATGAGT
AAAGCAGTTGAGCAAACACCAACCCGAGCTTCGGGCGCAGAATTCTTCACCTTCTCTTCC
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TGTTTTCATTTACATCTCTCTTAGACTC

>SEQUENCE:3356:prostate_MPM2000-004P4Novel007_8Table3

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTAC
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CATGTTGCTCCCCACTGCCTCGTGTGTTGTCTGTTGGCGCGCTGTCGGGGTTNAACCGATAC
AAGAACCTTCCACCTACCTGGTGTCTTGGCCTCATCTATAAGCAGCTTTTCCACTGTCTT
GAAACAAGATAGAGAATCTGAGCGGCCAGTCATCTGCCCTAAGTGCTGCCGCCGAAGACT
GAATGTCCTGGAAAGTTTGCTGTCACATCTCCATTATGACAAAAGCATTGTGCCGAACAG
ATGAAAAAATGCATTGTCAACGGAATCTTTTATGTTTGTGTTGCTTCTTTAAGCAACAT
TGCCTTACTTGTTATAAAAGATAAATAAATATTTGTTCAATTTCAAANAAACAAACGCAC
AAAGAGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT
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AGTGAGGGTTAATTG

>SEQUENCE:3357:prostate_MPM2000-004P4Novel007_8Table3

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TAAGAAAGTAAACTCAGAGCCAGGGACTTGGCCCATGTTAAACCCCAAGCACTACAGCTG
GCTTTTACTCAACCCGTGGAAACTGACCAGGGTATAGAGCCTGATATATCTTCTTAGGTG
AAGGTGAGACACCAGACCTAAATCTGTCATCTCAAGAGTAGAAGGATGAACCACACATAC
AAACCCATCACAGATGAATGCAAATAAAAAAGTCAGCTCCGAAGTTGGGTTCTGAGCAGT
GTAGATTCTACTGCTAAGGCTTGGACTACAAGCC

>SEQUENCE:3359:prostate_MPM2000-004P4Novel007_8Table3

TTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTTTTTTTTTTTTTTTTTTT
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TAATATATGTTCTAAAAAAAATTTATCGTCTAGTAGTGATGTCTTCATGTTTCACCCA
GCTGTCTCATAGGCATGACTAAGCATCTATTTTCATCACCTGGCTCTGGATGCCTCCTCTC
TTTACCATTGGTGAAAGGCATTTGCTGATTCTTTTGATATACCTGAAGTATTGATGCTA
GAGAAATCACTTCCAATATAACAGCATCGTTTGCAGATTTTCACTTCTGTGCTGCCTCAA
GATTATGGT

>SEQUENCE:3360:prostate_MPM2000-004P4Novel007_8Table3

CGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACA
AGCCGTCCACTGCAGGAATGACGTGCTGTAAAAGGGATGCAGTGTCAAGTGTAGTCATGG
ATGGGTGGGAAGACCAGACAAAGGCATCCAATGGGACTGACTTACCTAAACAAACCAGAA
GGAAGTCAGAACAGTGGGAAGATCTGATAGATAAGCAGTATTCTGCAGGCAGATGAAGGA
GCAAGCTTTGGGCCCCCAAATCTTCACCAAGTGCATCCACATTACAGAGGATAATGCCTGA
GGGAGGGGAAGATCATCTCAGGATTCTGGAACACTGGGCCCTCCCTTTCTTATTCCAAAA
GGCTGGAGCAGTTCTGCATGTAGGCTTCTCTGGAAATGGTCTAGGA

>SEQUENCE:3361:prostate_MPM2000-004P4Novel007_8Table3

CGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACC
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CAGGGTTCTGACATTACAGTTACGGGTGGCCCTGGGAGTAACACCTGGCACCCAAAC
AGGTCACCAGAGTCCACACATAGTCCACCTGCCCTCCCTGCGTAAGATCAGCTCTTCCTC
CTCCCGACGAATAGATCAGGGTCAATGATCCCTGCCAAGATGGCGACTGCTCCAGCCTGC
TGGTCCAACCTGTCCAGCCACAGCTGTTGCTCGAAGGCTTGAAGTTCAATGGGACCCTCT
CCCGCTTTCTACANACTGGTTCCTTTATTTTTATGTTTATTTATTTGGGACGG

>SEQUENCE:3362:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGCCGGGCAGGTACCCTTTATAGAAGAA
GAACAGAGAACTTTTCCATGTCTGTAAATAGCGCTGCTGTCCTGCGATTGACAGGACGA
GGAGGAGGAGGAACAGTGGTGGGGGCTCCTAGAGGTCGAAGTTCTTCAAGAGGGCGAGG
C

AGAGGCAGAGGTGAATGTGGTTTCTACCAAAGAAGTTTTGATGAAGTAGAGGGTGTTTTT
GGTCGAGGAGGTGGCAGAGAAATGCATAGATCGCAGAGCAAGAGAGAAGAGAGGCAGAAA

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TGAGGGCAAACGGGAAGAGGAAGAGCGAAAGAGGCAGGAAGAACTCCGAAGACAACAGG
AGGAAATTCTTCGGCGACAGCAGGAAGAAG

>SEQUENCE:3363:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGAAGGTTTTGTCTCTTAATT
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CCAAATTAAGTGTCTGAAATTTGCATTATATTTAAACCATAATATTTGATTTACTTCT
GTCAAACAAAACACTACCATTTGGGTTCTCATTTGTAGATTATTTAAAAACATGTTTTTC
CTGTTAATTATCAATGCATTTACTATCACAAGGATAAAAAAGATCACTTCAGGTGGTGGG
GATGTTTCATGAAACACCATGGTGGGGAGTAGGTAGTGGGCAGGCAGAGTGACAATC

>SEQUENCE:3364:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCATTCTCC
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TGAGTTATTTACTGTTACAGATGAGGAACTGCGAAGCTACATGGCCACAGTCAACAACG
ACAACAGAAGGCAACATAGTATGGCGGTTAAGAGCACCGACTCTGAAGCCAGCCTGAATC
CTAGAGCCAGAGCTGTGCAACAGCAGGTAAATGACTTATCCTGTGCAGTTTCCTCCTTAA
TGGAATAGTGCCCAGGCCACAATATCGCGAGATTTACACGTAAAGCTGGAAACAACCTCC
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>SEQUENCE:3365:prostate_MPM2000-004P4Novel007_8Table3

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCATTCTCC
CGCGCTCGGTGAGGATCTTACCCGCGGTACCCGCTAAACTGCACAGCTCGACCTTCATG
GCGACAGCTCCACGGAAAGACAAAAGATGGCGAAAAGAAAACCCGCGTACCTCGGCCGCT
CTAGAAGTGTGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG
ACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC
TTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGGTATCCGCTCACAATTCCA
CACAACATACGAGCCGGGAGCATAAAG

>SEQUENCE:3366:prostate_MPM2000-004P4Novel007_8Table3

ACTATAGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGAGGTACTCCCTAGTTGTGTCTG
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GGGCCTGTTAGCCAAGGAATGACAGAATTAATCCATGGGCATTTGCGGCCAGTGTTGTGT
TAAACTAAAGGGAAAAAGTGAAGTGGAAAAAGCAATGTTTGTTTTATGAAAATCTCAGAC
CCAATCCTTAGGTGACAGTTCTGGAAATGAGGGGTGTCTAAACAAAGGGGCATCTGAAAC
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TTCTCTAATATGGAACAGTGAAAATGGGGGGCCAG

>SEQUENCE:3368:prostate_MPM2000-004P4Novel007_8Table3

CGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGG
CAGGTACTTTTTTTTTTTTTTTTTTTTTTTTGCATGATAAGTTTCCAAGGAACCTTAG
TGATGGGGACTGTCTCTTTTAAATTAATTTGTGTAAATAACTCCCAGAGCCATGCTGGT
AAGAAACAAAACAAAACAAAAGAACTAGAACTTGAAACAAACGTAGGATTTCTGCTGG
TAAAAGGATGCAAAGCAGGCCTGCCTGCTGCACTTCCCCAGAGCTAATCCTTGAGCCAAA
AGAGCTTCCTGGTGAAGCCTCGCACTCTCCGTAACAGGGTGTGGGGGGACCGAGACATGT
GGGCTCCAGACTTGACCATCTTTACCTAGTTATGGGAT

>SEQUENCE:3370:prostate_MPM2000-004P4Novel007_8Table3

CGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGG
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TGATGGGGACTGTCTCTTTTAAATTAATTTGTGTAAATAACTCCCAGAGCCATGCTGGT
AAGAAACAAAACAAAACAAAAGAACTAGAACTTGAAACAAACGTAGGATTTCTGCTGG
TAAAAGGATGCAAAGCAGGCCTGCCTGCTGCACTTCCCCAGAGCTAATCCTTGAGCCAAA
AGAGCTTCCTGGTGAAGCCTCGCACTCTCCGTAACAGGGTGTGGGGGGACCGAGACATGT
GGGCTCCAGACTTGACCATCTTTACCTAGTTATGGGAT

>SEQUENCE:3371:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATCAGAGCC
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TTTTATTATACAGCTGGACAATGGAATCTATGATTTGCCTGTAGAGGTTAGAGGTGCAT
CCTTTAGAAAAATACATATTGCCAGAAGCAGGCTGACTTGGGCCTCTCCTACCATTTTCT
TCATCAAAGCTGCTGTGATGACGTTCTAGCTTTTCTCACAGGCAGTTGTTGATGAAAAGG
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GGGCCTTCCTGTGCATCAAAGAGGAAGGCATA

>SEQUENCE:3373:prostate_MPM2000-004P4Novel007_8Table3

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GGCTTCCACGGCTGGTGAGAGGGGCAAAGCCAGGCATAAAGAAATGGAGACGTGGGAAGG
GGACCATGTTGACTGCCAACTTGCGGAGGTCAGCATTGAGCTGGCCAGGGAAACGGAGGC
AGGTGGTGACACCACTCATGGTGGCTGAGACAAGGTGGTTCAGATCCCCGTAGGTTGGTG
TGGTCAG

>SEQUENCE:3374:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCCGCCATGGA
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ATTCTCACACCACAGCACAGCTTAAATACTTCTTTGACAAAAATAATAATAATTATATT
TGA CTCAGAAAATAAATTCTGTTTCAGCAGAGTGACAGGAGGGTCCATTTCATTGCATTGCA
CGAGGGGCTCTACGGAGGGGTGAGGATGGGTGCAGGATGCCACAGTGACAAGGGACATG
G

GGTGCGGGCCCAGCAGCACAGGTTGAAGTTAGCTGACGCATGCTTTTGGCTTTTATCCCA
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CCTTCCTCCTCAAGTCCGTCTTG

>SEQUENCE:3375:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGCTGGTTTCCTGCCCAGCCTGGGGGCAA
CCTAGCCGGAAGGCCGAGGTCCCATTTGTTGGCGCTGAGGTGTCTGGCCTGAGGTCAATGG
TGCAAAGGAGCCGCCACCGGGCATGTCTGCCTGGAGTGCTGTGCTGTGTTTAATCAGGGG
ATCCATGCCCTGGGATTCTTTTTCTTTCTTGCTTTCTTCTTGGCCAAGAGAAGGGCT
TACAGGCATGGACATGCAGGTTGGCAAACGGGCTTGACTTTGGCTGATTTAAAAAGTGAG
AAAGAAAGTAAAAAAGGTTAATTTTTCTTCTCTGTAAGATATCCCAGCTTAAAAAAA
AAAAAAAAAAAAATAAGGGTCCTTGGCCGTTTTAGAACTAGTGGATCCCCCGGGC

>SEQUENCE:3376:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCCGCCTCCAGGAACGCCGACCACTCCACTTTAGGTATCATACGC
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AGGGGGAAGCCACGGGACCCACCCCCCGCACATGCGAGCTCAGCAGATTGTGGGTAAG
C

AGTTTCATGTGCGCCGCACAACTCTCGCCAGGCCGGAACCGGAAAAAGGTCGTCCTCCGC
TCCCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATA
TCAAGCTTATCGATACCGTC

>SEQUENCE:3377:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGCTGGTTTCCTGCCCAGCCTGGGGGCAA
CCTAGCCGGAAGGCCGAGGTCCCATTTGTTGGCGCTGAGGTGTCTGGCCTGAGGTCAATGG
TGCAAAGGAGCCGCCACCGGGCATGTCTGCCTGGAGTGCTGTGCTGTGTTTAATCAGGGG
ATCCATGCCCTGGGATTCTTTTTCTTTCTTGCTTTCTTCTTGGCCAAGAGAAGGGCT
TACAGGCATGGACATGCAGGTTGGCAAACGGGCTTGACTTTGGCTGATTTAAAAAGTGAG
AAAGAAAGTAAAAAAGGTTAATTTTTCTTCTCTGTAAGATATCCCAGCTTAAAAAAA
AAAAAAAAAAAAATAAGGGTCCTTGGCCGTTTTAGAACTAGTGGATCCCCCGGGC

>SEQUENCE:3378:prostate_MPM2000-004P4Novel007_8Table3

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TGTGGACAGAAAACCTTGCTTCTCCAGGGCTAGTGGCGAAAGCTATCTCAGGCTGGCTC
AAGTGGAGAGAAAAAGCATGAGATCAAGCAATGGACAGCTGGGGAAGGGCTGGCTTTTA
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CGCCAGGTCTTGCTATGGGGG

>SEQUENCE:3379:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGTCCAGAAAATCCTGGCGTCTTTTCTGA
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GTGA ACTGATGAAGTTCTTGGTTAAATTTAGAAAAGATTTGGCCTTGAGAGCTGAATTTG
AAAACCAGGTCGTTGTGATGTAGAAAATTGTTTCATGCGCTGGTTGGAGATTTTGCTAAGG
TTGAACACTGCTTTCAGGTATGAGTCCAGGGTACCTCGGCCGCTCTAGAACTAGTGGATC

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CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC
CGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGT
CATAGCTGTTTCCTGTGTGAAATT

>SEQUENCE:3382:prostate_MPM2000-004P4Novel007_8Table3

CCGGGCCCCCCTCGGAAGTCTTCTAGAATTAATTAACGCGGGGTCCCCCGACCAATTG
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CACTTAGCATGCTTCTCTGTTCCGTTTGTGTCTTGTAATGATAGAGTTAATTTGCTTT
TTTTGTTTTAAGAATGCTTTGGCTGGACGTGGTGGCTCATGCCTGTAATCCCAGCACTTT
GGAAGGCCGAGGCGGGCGGATCACCTGAGGTGAGGAGTTCGAAACCAGCCTGGCCAACAT
GGCAAAACCCCGTCTCTACTAAAAATACAAAAATTAGCTGGGCGTGGTGGTGGGCGCCTA
TAATCCCAGCTACTCGGGTGGCTGAGGCAGGAGAATCGCTTGAACCCAGGAGGTGGAGGT
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>SEQUENCE:3383:prostate_MPM2000-004P4Novel007_8Table3

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGAACCGCT
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>SEQUENCE:3385:prostate_MPM2000-004P4Novel007_8Table3

CCGCGTCAAGATCCTACTGAGCGAGGCTCGTTACCACCACGCGACGGAAATCGGGCGCGAC
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TTTGAGAGAAGAGCTCAGCTGCCCGATGGCCGGCATCACATTGCAATGAGCGGTTCCGGTG
TCCGGAGGCGCTGTTCCAGCCTTCCTTCCTGGGTATGGAATCTTGCGGCATCCACGAGAC
CACCTTCAACTCCATCATGAAGTGTGACGTGGACATCCGCAAAGACCTGTACGCCAACAC
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CACCGCCCTGGCGCCCAGCACCATGGAAGATCAAGATCATCGCACCCCC

>SEQUENCE:3386:prostate_MPM2000-004P4Novel007_8Table3

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TTTTTTAAATTAATCAGAAACCCCACTTCCATTGTATTGTCTGACACATGCTCTCAATAT
ATACATAAATGGGAAATGTGATTTTCAATAATAGACTTATATGCAGGCTGTGCTTCCGG
TTATGTTGTGTAAGTCAACTCTTCAGCCTCATTCACTGTCCTGGCTTTTATTTAAAGAAA
AAAAAGGCAGTATTCCCTTTTTTAAATGAGCTTTCAGGAAGTTGCTGAGAAATGGGGTGGA
ATAGGGAACTGTAATGGCCACTGAAGCACGTGAGAGACCCTCGCAAATGATGTGAAAGG
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>SEQUENCE:3387:prostate_MPM2000-004P4Novel007_8Table3

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G

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AGGCGGCCCTCGCGTGGAGCACACGAAGTCGTGGCTTATTCTGGCTTCAGTATGTGGGGT
GGAGAAGGCGATCCACGCAGCTGCGTCTATTTCTGTGGATCAATCGCAAATACGTTCT
GTAAGCCCCGCCCCCACTGCGTGCGGGCGGCTTTTGTCTCCATGGCAACCGTCAACTCTG
GAAACGCCTGTCTTTCTCCATGGCAACTGTCTACGCCGAGGCTGGAGCTGCCCATACC
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>SEQUENCE:3388:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAAAAAATTCTACA
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TGATCCAAATAATCCACAGCAGTTTATTCATGAACACACTCCAGTAAAATTTAAATTATT
GAAAGAATTAAGCTAGTGTGGTTAATAATGGAATACAGAGCCCATTTACTTTAGGATT
GTTAGAATCTGTATTCAGCACTATGCGCCTCCACCTTGATATAAAGCATTAGCTTG
CACTTGTTTCTCTGCTAGTGATATTTGACATGGAATTTAAATTGGCAAGAAATGTGTGC
AGACCAGGCTAGACAGAATCTCACCGCTGGACATGGGAACATTACAGAGGAAATGCTATT
GGGTAGTGAATCTTATTCAGATCTGGTGCAACAATTGACAC

>SEQUENCE:3389:prostate_MPM2000-004P4Novel007_8Table3

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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGTGTGCTGAGAAA
TGGGCCCCTTGCCAGATGCTCCCCTCTCCTTCTCTCTGCGAGGCAGAAGTCAGAAGGTA
GAGATTGCTGGCAAACTGTGAAGTCCCACCCTGGGGTCTCAACCCCACTCCACTGAGG
GCAACCTCCCTGACGTGTGTGACTAGGCAGTAAGGGTGGCGGTTGATGGCGGCCGCTCTA
GAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACC
TCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTG
GCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACAC
AACATACG

>SEQUENCE:3391:prostate_MPM2000-004P4Novel007_8Table3

CGAGCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTTGAGCGGCCGCCCGGG
CAGGTACAGCTTCTGTGGAGTAGAAGGACTTCCCTTTCTCGTTGCACCACAAGCAAATCT
TGCCAACACCAACTTTCTCTCCCAAGTATTTAATCAGTCCCTTAATATCTGAAAGATATT
CTATATCAGGAATAAAGAACTGTGGTCTTTGGTCATGTGAAGCCACATTCTTCATCAGC
GAGCTGGAATGATGGGAACAAAATAAGCAGTCCGTGATAGGGATGGCACCAAGGGGTGGG
CCTTCCTCAGCCTCTTCCTCCTCTGCATCCTGCTCCACCACATCGTCCATTGCTTCAGTA
TCCTCACATTCCAATTCTTCATCAGAATCAATATCTTCCCAATCGTCTCCATCCAGGTCC
TCTTCCTCCTCCTCGCTGTCCTCCTCCTGCTGCTTTGCCAACTTCTTCGCTGCTGTTCA
AACCACTGGAGCCGGTGTGGTTTCTCACTCGGGTCTCGGTCGTGGGTCCCACGGCCACCA
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CTCGAGCATGCATCTAGA

>SEQUENCE:3394:prostate_MPM2000-004P4Novel007_8Table3

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACC
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TGAGGCCCGAGATCCACACCAAGGAGCAGATCCTGGAGCTACTGGTGCTGGAGCAGTTCC
TGACCATCCTGCCCCAGGAGCTCCAGGCCTGGGTGCAGGAGCATTGCCCGGAGAGCGCTG
AAGAGGCTGTCACTCTCCTCGAAGATCTGGAGCGGGAACCTGGATGAGCCAGGACACCAGG
TCTCAACTCCTCCAAACGAACAGAAACCGGTGTGGGAGAAGATATCCTCCTCAGGAACTG
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>SEQUENCE:3395:prostate_MPM2000-004P4Novel007_8Table3

CGAATTGGGCCCTCTANATGCTGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAAT
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GCACGGTAGCAAGGACTAGCGGTTCTCAAAGCCCTTCTTTTTTCAAGTGTTCATTACCT
TGGCACCCAAGTATGTTTAAACAGGCCATGCATTAAAAATAAATACAAAAATATAAAAGCC
GCTTAAAGGGAACCTTACAACTGACAATCTCTCCTCTGTATTTGTGTTTCATAGTGGCTGG
GAGTTTAAATTATATGCACAAAAGTTAGGAGCCACTTGTTTCTGCACAGACTGTAGGAGCA
AGATGAGGAGATGGGCAGGTTTTGGTAAGAGCCCCCAGTTCTGGTGGACAGGCATACTTG
TGGCATTGGGTGCGGCATTGCTGGGAGGACCAGTCTTGGGAGGCGATTGACTTTTGGTT
TGTAATTTCCCTTTAAACAAGAAGAGATGGCTCACATTTTCCATATATATCTCAATGAAT
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GGAT

>SEQUENCE:3396:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGAACTTT
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TTTGACAGAAGCAGCAGCCATGAAGAATGAAAGTTTTTAAACACAAGGAGCAAGTTCAA
AGTCTCGCTCTATCACCAGTCTGGAGTCCAGTGGCATGATCTCAGATTACTGCAGCCTTC
ACCTCCCAGGTTCAAGCAATTCTCCTGCCTCAGCCTCCCGAGGAGCTGGGACAACAGGCA
CATGCGACCATGCCCAGAAACAGCAGCTATGAAGCCTGCAAATTTGAAAAAAGAAAAAGA
ACGTGCAAAAGAACACAACCTAAAAGTGGCTTCAGAGGAAAAGCAAGAAAGGCTCCAAAG
AAGTGAAAATAAACAGCCACAGGATTCTCAAAGTTACGGAAAAAAGA

>SEQUENCE:3397:prostate_MPM2000-004P4Novel007_8Table3

GCCGGGCATTTCTCCAGGGATCTTTGTGCTTCTTTTGTGCTTCTGTGTGTGTGGATAT
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CTGTTTCTAGTGATGTTAATTATCTTCATTTCAAC

>SEQUENCE:3398:prostate_MPM2000-004P4Novel007_8Table3

CGACCCACGCGTCCGAACCTTATACATGGCCTAAAATGTTTCTACAAATTAGAGTTTGTCA

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CTTATTCCATTTGTACCTAAGAGAAAAATAGGCTCAGTTAGAAAAGGACTCCCTGGCCAG
GCGCAGTGACTTACGCCTGTAATCTCAGCACTTTGGGAGGCCAAGGCAGGCAGATCACGA
GGTCAGGAGTTCGAGACCATCCTGGCCAACATGGTGAAACCCCGTCTCTACTAAAAATAT
AAAAATTAGCTGGGTGTGGTGGCAGGAGCCTGTAATCCCAGCTACACAGGAGGCTGAGGC
ACGAGAATCACTTGAACCTCAGGAGATGGAGGTTTCAGTGAGCCAAGATCACACCACTGCA
CTCCAGCCTGGCAACAGAGCGAGACTCCATCTCAAAAAAAAAAAAAAAAAAGTAAGAAAGAAA
AGGACTCCCTTAGAATGGGAAAGAAAAATCATAAAATATTGAGCTGATGCCTGTATATAG
AAATTAAGCGTTTCTCGAAAGCTGNTCTATGTTTTGCTGTTATTTTAGTCTTTATTCTCT
TCCTTTAGGTGGAGAAACAAAGTACCAATTTGAAGGGATTTTTTTTATTTTGTCTTTTG
TTTCTGTCAGTAGAAATAACCATATGTGCTAACCAAATTTCTGTGAAGAATGTTTTCATG
GTTATCATTATATCTAACTATAACCTCCCCCATAAGTATGAAG

>SEQUENCE:3400:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGAGGTACATAGGTTTATCTCCTATTGGAATATTTTCTTTATA
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GTGCAGTGGCCCAACCGGAGCTCACTGCAACCTCCACTTCCCGGGTTCAAGTGATTGTCC
CACCTCACCTCCTGAATAGCTGGGATTACAGGTGCATGCTACCATGCCTGTCTCTACTA
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TTTCTTCTGAAAA

>SEQUENCE:3401:prostate_MPM2000-004P4Novel007_8Table3

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCACACACAGCCAGGCGCTAG
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TGGGTCAGATTGAGACAAACCATTGTGTGGTTGGGTTTGGGTCAGCAGGCTGGAGAGGGT
TCTGTTCTTTTTGATCATTATCGGTTGGGGGCCCAAGGGAGGGTCTTGGGAGCCACCTG
AGCCCCAAAGCTGGGAAATTCCTCAGAGCTGCTCATGTGAGGAGCCTTCTCACTGCTGCT
GGCGGTCCAGGGTGCCTCCCGCACCAACAGCCTCTGGAAGGTGCCTTGGCCTCTTCGTG
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CTCCTCCAGGTTGAGGATGTGGTCGATGGCTTCTCCACATTCTCTGGGAGCCCCGTCAC
AG

>SEQUENCE:3403:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGTTCTGGGCGTGAGGGCTCGGATGTCA
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GCCAAACACACGGAACATCCACCAGACCCGGGGAGCATAGAAGCTGCCAGGTGTTCCACC
CCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTGCATATC
AAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTA
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>SEQUENCE:3404:prostate_MPM2000-004P4Novel007_8Table3

GCATCACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGCGGGAAATCGT
GCGCGACATCAAGGAGAAGCTGTGCTACGTGCGCCCTGGGACTTCGA

>SEQUENCE:3405:prostate_MPM2000-004P4Novel007_8Table3

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCCTCCAAGC
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C

GACACTACATCAACCTCATCACCAGGCAAAGATATGGAAAACGATCTAGCCCAGAGACAC
TGATTTTCAGACCTCTTGATGAGAGAAAGCACAGAAAATGTTCCCAGGACTCGGCTTGAAG
ACCCTGCAATGTGGTGTGAGGAAATGAGACTTGCTCTCTGGCCTTTTCTATTTTCAGCC
CATATTTTCATCGTGTAACGAGAATCCACCCATCCTACCAATGCATGCAGCCACTGTGC
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>SEQUENCE:3406:prostate_MPM2000-004P4Novel007_8Table3

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AAGATGCAAAACCCACGTGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA
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TTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGT
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>SEQUENCE:3407:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3408:prostate_MPM2000-004P4Novel007_8Table3

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AAAAATTGCCACGTGATGCAGAAGCTTCCAACGTGCTTGTGGGGAGGTTGACTTTTTGG
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AAGTTCCTGTGCCACAAGGTTCTTGTTCATTCTCTTAGGTCCTAAGGGGAAAGCCAAGT
CCTACCACGAGATTGGCAGAGCCATTGCCACCCTGATGTCTGATGAGGTGTTCCATGACA
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>SEQUENCE:3410:prostate_MPM2000-004P4Novel007_8Table3

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CAACCCCTATTGTAGTAACTTGGAACTTGGAAATGACCAGGCCAAGACTCAAGCCTC
CCCAGTTCTACTGACCTTTGTCTTAGGTGTGAGGTCCAGGGTTGCTAGGAAAAGAAATC
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>SEQUENCE:3411:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3412:prostate_MPM2000-004P4Novel007_8Table3

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GTATGTCCGACAAGCCTGGCAGAAGGCAGACATCAATACAAAATGGGCAGCCACACGATG
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TGCTGCT

>SEQUENCE:3414:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3415:prostate_MPM2000-004P4Novel007_8Table3

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CAATGGCAATGAATATTACCACATAGCTGTATACTGTAAGTCAAGGATTCTGTCAGATGA
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>SEQUENCE:3416:prostate_MPM2000-004P4Novel007_8Table3

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CCTCTTCTGTGTCCTGGGAATTGTGCTCCTGGTGAAGTGGGATTGTCACTAGCATTGTGCT
CTACTTCCAATACGTTTACTGGCTCCACATGCTCTATGCTGCTCTGGGGGCCATTTGTTT
CACCTGTTCCTGGCTTACGACACACAGCTGGTCCTGGGGAACCGGAAGCACACCATCAG
CCCCGAGGACTACATCACTGGCGCCCTGCAGATTTACACAGACATCATCTACATCTTCAC
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>SEQUENCE:3418:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3419:prostate_MPM2000-004P4Novel007_8Table3

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TGTCCCCCGCGCGCCTGGGTGGTCAAGCTTAAGGGATTTCTACCTCACACTGTGCATTTT
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>SEQUENCE:3420:prostate_MPM2000-004P4Novel007_8Table3

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GTTGGAGCAGCATCTGGTGCACGTGGAGCGGCCCATTTCTTCGCATCCCACACCTGGCCAT
CCATCTGCAGCGAAATATCACTAAACTTTGGGCCCAACACAGAGATGCATCTAGTCCC
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>SEQUENCE:3422:prostate_MPM2000-004P4Novel007_8Table3

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TTGATAAGAGTAGTCGTTTAGCTAAACTAAGTAACATTAAGGAAACACATTGTCTGGTC
TTATATGTTAGTGCAACACACAGTATATATATGTTTAAGCAACTATTGGTGAGTGGGGGC
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CCAGATACCCACTCCTCATAGACCCACAACTCAAGGC AAAACTTGGATTAAATCAAAGG
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>SEQUENCE:3423:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3425:prostate_MPM2000-004P4Novel007_8Table3
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GCAAAACACTGGGTTGCTCTGTAGGACGAGTGTGACTTTACGAGCTCCACAGCTCCAGAA
GCAAAATCACAACAATACAGAAAGGACTCCGGAGAGTTCTCCAAAGTGTTCAAATTTGGA
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>SEQUENCE:3428:prostate_MPM2000-004P4Novel007_8Table3
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CCGCTCCCACTGCCCGCCTGTCACTGCCGTCTGTTCCCTGAGCTGTGCTTTACGCTGGG
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C

>SEQUENCE:3429:prostate_MPM2000-004P4Novel007_8Table3

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TGCGGACCAGCGAGACCCAGCCGCTCCAGAGCCTGAAGACAAGAGGAAAGAAACCTTCTG
CCACCCAGCAGAAGAAAAACACCAAACCTTCTTTAGCAAAACCACTGCTAAGTTATCCACT
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>SEQUENCE:3430:prostate_MPM2000-004P4Novel007_8Table3

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AGGACTCAGTTCACAAAATGCAAAACTCAACGATCAGATTCACGGACCCAGAGCTTTTCC
ATGTGTTTATATTGTAAATATTTTTGATTTTCATCAAATTATTTATTCATTAAAAGAAATT
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>SEQUENCE:3431:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3432:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3434:prostate_MPM2000-004P4Novel007_8Table3

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GCTGCTTTCCCTACCCGGCTCCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTG
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>SEQUENCE:3435:prostate_MPM2000-004P4Novel007_8Table3

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ATCCAAGATGGTCTTAATCTCCTGACCTCGTGATCCGCCCGCCTTAATTAATTCTAGAAG
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>SEQUENCE:3436:prostate_MPM2000-004P4Novel007_8Table3

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T
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ATTCCAGTATAGAATTTAATTCTGGAGTGTGAGCAGGAACCAGTTAACTACATTCAATTGT
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>SEQUENCE:3438:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3439:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3440:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3441:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3442:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3444:prostate_MPM2000-004P4Novel007_8Table3
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TGTTTGTAACAACCTCCTCTCCCTCGGAGCATGGACTTTGTCCACCTGCAAAGCTTCACC
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>SEQUENCE:3482:prostate_MPM2000-004P4Novel007_8Table3

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GTGTTGCAGCCTTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTG
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TCAGTCACCCTACCCAGGGGAGATGTGTCCCACTGCCCCATTGTGGTGGCCTCAGGGAGG
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G

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TGCGTCTGGTTGCTTTTACCTTGCCTAGTAGGGTCTTCGTTCTGGCGCCATCTTCATGAA
GCCTCACGAACCCGAAGAGACGGCTGTAGAGAGAGAGACACAGAGCTTGTTAATGGTCTG
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TTTCAGGCTAGCTGCATCAACTCTGCTGATTTTGGTGGCCATCAAGATGTAATTCCGTAA
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AGAGCTTCTTCATTCCCTGGAAAGCCCCATTTTCAATTCCTGAGCTCTTCAGCGGATTGG
TGCCAGTTCTATGACAATCATCTGGTTCAGTCCATTGAAAGTAACTTTTCGCACTTTGG
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>SEQUENCE:3493:prostate_MPM2000-004P4Novel007_8Table3

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G

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TCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT
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TCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCTAAT
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>SEQUENCE:3496:prostate_MPM2000-004P4Novel007_8Table3

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CCTTTCCTGCCACCGCTGGGGAGGCACATAGCTCGCCAGCGTCCCTGGAGTCCCCTCAGG
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>SEQUENCE:3498:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3500:prostate_MPM2000-004P4Novel007_8Table3

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TCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTTAG
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>SEQUENCE:3503:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3504:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3505:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3508:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3509:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3510:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3511:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3512:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3517:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3519:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3523:prostate_MPM2000-004P4Novel007_8Table3

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GGCGGCTGAGGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTG
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GGGATAGAGACTCTGTCCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACC
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GCAGCCTTTCAAGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCG
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CTAGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG
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>SEQUENCE:3526:prostate_MPM2000-004P4Novel007_8Table3

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GCCTTCTAACATCGCTTTAGTAAGGGAGAAAACTGAAGAGGAAAGACTGTCTTGCCAGA
AATGGCCAGCTTGTGCAGACTCCGAGTCCTTCAGTGACAAAGGCCTTTGCTGTTTGTCT
CTTGACCTGTGTCTGACTTGCTCCTGGATGGGCACCCACACTCAGAGGCTACATATGGCC
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>SEQUENCE:3528:prostate_MPM2000-004P4Novel007_8Table3

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CAGATATGGGAAGCTTACAGTTTTTCAAGCAAAGCTTTTTAGAAAAAATTATGGAAGTATT
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>SEQUENCE:3529:prostate_MPM2000-004P4Novel007_8Table3

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GGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT
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AGTGGGATCCCCCGGGCTGCAG
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>SEQUENCE:3538:prostate_MPM2000-004P4Novel007_8Table3
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GCCTGGGTTTGAAGCTCGAAGATCGAGAGACAGTTATTAAGGTAGTTGAAGAAGTCACTC
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>SEQUENCE:3539:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3540:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3542:prostate_MPM2000-004P4Novel007_8Table3

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CCCATTATAGTTGGTGAAGAATATTCAAAAAACCCTAATACTTGTATATATTGAGACA
TGCATATGGCTTATGAGAACATTATAATTCGGTTACACGGTTGGTAAACATAGTTACTGA
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>SEQUENCE:3544:prostate_MPM2000-004P4Novel007_8Table3

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CAGTGGCTCACAAAGGTCTTAGAGGCCACTACTGCGCTGGGGAAATCCATTGAGCTTGGC
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>SEQUENCE:3545:prostate_MPM2000-004P4Novel007_8Table3

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CTTACTCAGGATCAGTGGCACCAGCCAACTCAGCTTTGGGACAAACCCAGCCAAGTGACC
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ACTGCCAGTCTCTGAGCTTGATCCATCTCCCCAAGCCGAAGCCCAAAGGGAAATGCAATG
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>SEQUENCE:3551:prostate_MPM2000-004P4Novel007_8Table3
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AATGGCTCCTGAACTTGAAGGTGGCTCCAGCCGGCGTCTTTGGTGTGGCCTTTCTAGCCA
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>SEQUENCE:3552:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3554:prostate_MPM2000-004P4Novel007_8Table3

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AGCCTGCTGGTGGCCTCCTTCCTCAAGCTTTAACTTGTGCCCTCCCTGGCAACAGGGAGT
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CCAAGCTGTGACTTCCCTTAGACAGTGTAAGCCTGTAGGGTGCAGCCCCAAGTTTATGTC
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>SEQUENCE:3555:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3556:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3558:prostate_MPM2000-004P4Novel007_8Table3

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GGACTATTATGTGGAATAATACATACTAATGAAGTATTACATGATTTAAAGACTACAATA
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>SEQUENCE:3560:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3561:prostate_MPM2000-004P4Novel007_8Table3

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TATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCT
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>SEQUENCE:3563:prostate_MPM2000-004P4Novel007_8Table3

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCGTCCTTCCATTT
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GAACAGGCGAGGCACCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGCCTTTCA
GGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTTAGGCT
GCTTTCCCTACCCGGCTCAACCAGTCTCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAA
CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGGCGACCTCG
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TATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAACA
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GGACTAGAAAATCTGAGTTTTACACCATACTGTTAAGAGTCCTTTTGAATTAACTAGAC
TAAAACAAGTGTATACTAATAACAAGATTAAATATCCAGCCAGTACGCGGGGGGCTAT
TTAGGACGGAAGCTCGGTTGGTGTCTTCCAGAAGTTTCCCCCTTGGGCGGTGGTGGAGG
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GCTGCAGCAGGAAGTCAACATCCCAGAAGGTTTTTCCAGAGCTTCTCGGATGCCCTAAT
CGACGAGGACCCCCAAGCGGCGTTAGAAGAGCTGACTAAGGCTTTGGAACAGAAACCAGA
TGATGCACAGTATTATTGTCAAAGAGCTTATTGTCACATTCTTCTTGGGAATTACTGTGT
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ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAAC
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TAGCAGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGG

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TGTTGCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGT
CCCGGGCTTTAGGCTGCTTCCCTCCCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATC
CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC
CGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGT
CATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCG
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>SEQUENCE:3566:prostate_MPM2000-004P4Novel007_8Table3

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GATATTATGAACAATCAAATGCATTATTTTTATCATTAAATAGTTTAATCATTAAATTATCT
CATAAGTCAATGCAGAGAGTGAAATTACTATGAATTAACCTTCTGTTTACAATGTACTGG
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CGCCGACGGGCGCCTGGTTGAATATGACATAGATGAAGTGGTATATGACGAAGATTCACC
TTATCAAAATATAAAAATTCTACACTCGAAGCAGTTTGGAATATTCTCATCCTTAGTGG
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CCTTGGAGATATTTAAACATAAATATATACAGAGAGGGTGAAGATGGAGGAGTGCTTTTA
CAGTTCACAGTCGTCTTTTTCATGTGTGACAGGTTTTTGTGTGTTGCCAGGCTGGAGT
GCAATGCCACAATCTTGGCTCACTGCAGCCTCAACTTCCCGGGCTCAATCGATCCCCAC
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AAATTCATCATCATTCTCTCCTTACACCAGTTCTCACCTGACTTTGCCATTTTTCTTA
CTAAGTACGCGGGGGTTTTTTTTCTTGCTGCAGCAACGCGAGTGGGAGCACCAAGGATCTC
GGGCTCGGAACGAGACTGCACGGATTGTTTTAAGAAAATGGCAGACAAACCAGACATGGG
GGAAATCGCCAGCTTCGATAAGGCCAAGCTGAAGAAAACGGAGACGCAGGAGAAGAACAC
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>SEQUENCE:3569:prostate_MPM2000-004P4Novel007_8Table3

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GCCTTACATAAAATGAAACAAACGAAAGTTGATAACACTCAGTCTCTTAATATAATATAA
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TGTGCTCTTGCTGGGGCTGGTGGTCCAGGGGTCTTACTCCTTGGAGGCCATGTGGGCCAT
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>SEQUENCE:3570:prostate_MPM2000-004P4Novel007_8Table3

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GCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTCCCCGCGTAC
CTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATC
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>SEQUENCE:3571:prostate_MPM2000-004P4Novel007_8Table3
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CTCAGTGAAGAGACTCAGACACACGAAGGCCAAGTGGAGGCTGTAGTTCATGTTGAGAAG
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>SEQUENCE:3575:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3577:prostate_MPM2000-004P4Novel007_8Table3

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CTCTAACATCTTCCATGGCTCTTTCACAGCATCTAGCTCCACAGTAGTCAACATAATTTTC
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>SEQUENCE:3578:prostate_MPM2000-004P4Novel007_8Table3

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AGGCTGCAACACCCAGACCTCCAGGAGAGACCAGGCCAGGATGCCTCGCCTGTTCTTGT
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GGAAGGACGATGTTATTAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGC
AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGC
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>SEQUENCE:3580:prostate_MPM2000-004P4Novel007_8Table3

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CGTGTGCAATCAAGATAGGATCCCAGACATCTTCAGAATGGTTTACAGTCACAAGAAATA
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AGGATATCAGGGCAATTAATAGGAGGGATCTTAGCACTACTTTAGACAATCTTTAAAGCC
TGGGTAAGATTCATTAGCTACCCAAGTGGCATTCTGACTTCAAATTGTAGTATCATGCA
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>SEQUENCE:3581:prostate_MPM2000-004P4Novel007_8Table3

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CCTACCACTCCAGCTGGCTGCAGTCTCCGTTGCTGCCACCAACCACAGCGATGTAAGCCA
CAGTGGCACAGGCTGCAGCATCCAGCGTGTAGCAGGTGGCTTCTCCCTCTGGTCCTCTAA
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GGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAAGGAATTCGATATCAAGCTTATC
GATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTT
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>SEQUENCE:3582:prostate_MPM2000-004P4Novel007_8Table3

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CCAAGCTGTGACTTCCCTTAGACAGTGTAGCCTGTAGGGTGCAGCCCCAAGTTTATGTC
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>SEQUENCE:3583:prostate_MPM2000-004P4Novel007_8Table3

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AACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCT

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CGAGGGGGGGGCCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGG
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>SEQUENCE:3584:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3586:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3587:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3588:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3590:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3591:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3623:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3625:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3627:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3628:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3636:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3637:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3638:prostate_MPM2000-004P4Novel007_8Table3

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CCACACGTTCTCGGGAGTTCTTGGACAGACCGTTCTTCACAACGACCACGCTCAGGTGTA
ACTTCACCTGGGTCAAGGAGACCGTGTTGGGTGCCAAAGATGTAGGGGAACCTGCCTGA
TACACCACCCGCGAGGCTCTCCCCTTCCCGGTGGAGACGAGGGAATGAGAAAAGAAATAAA
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>SEQUENCE:3639:prostate_MPM2000-004P4Novel007_8Table3

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GAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGC
CTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTT
TAGGCTGCTTTCCCTACCCGGCTCAACCACCCCGCGTACCTCGGCCGCTCTAGAACTAGT
GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG
GGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATC
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>SEQUENCE:3640:prostate_MPM2000-004P4Novel007_8Table3

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGGTAAAGAAT
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TCTTTCCTTATGTCATCTGTGAACATCTTGAGCTGTGAGCTATTAAGTGCATGTTTCCCT
CAAGGCCCTCTGGTCCATTCTGGACTAATGTTGAAAGATGGGATGGATTGGCATGGAAC
GTTGGGGTGATCAGACCCAACACCGGGCTGTGGGGGGCTAAGAAGTCCAGTGGAGTCAAAG
GAATGAGAAAAGACAAGTTAAGAATGCATAAGGTGGGTCCAGGGGGCCAACGCTAGTATG
GAGGCTGCAATAGACCTGAGCTCTGGAAGCCACACTATTAGTGATCAAACAAAGCACCA
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>SEQUENCE:3641:prostate_MPM2000-004P4Novel007_8Table3

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTAC
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TAGGAATGTTTCAGCTCCATTATAATCTTGTGGGATCACCGTTGTATATGCAGTCCTGTG
TTGACTGAAACGTTATGTGACTGCAGTTGGGTAATGGTTTCTTAGCCTTATGTCAGCTCT
ATGTATCCAATTAGTTCAGTCAGTTGCCTCCCCTCTTCAGTGGAAGATTTTGTGTTTGTAGT
TCAGTTTAGGAAGGAAGATTTCTTTTCAGGAGGCCAGGTGTGGTGGCTCACACCTGTAAT
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CAGCCTGTGCAACATAGCAAGATCCCATTTCTACCAANNNAANAACTAAAAAAAGGT
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>SEQUENCE:3642:prostate_MPM2000-004P4Novel007_8Table3

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CTGCAAGTCACAGTCCCCGGATACAGTCCGCGCCCAAGCCGTTCTTAAGAGCCCT
GCACCGCGCCACCAGCTCCCAGCACAAACAGCTCCGGCCCGCCCGGGCAGGTACGCGGGC
A

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CCCCAAGTAGTGCAACAACCGGGGCTGCTGCTTTGACTCCAGGATCCCTGGAGTGCCTT
GGTGTTCCTCAAGCCCCTGCAGGAAGCAGAATGCACCTTCTGAGGCACCTCCAGCTGCCCCC
GGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGAT
ACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT
TGCGCGCTTGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC
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>SEQUENCE:3643:prostate_MPM2000-004P4Novel007_8Table3

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TTCTCTACGCCACCCTGTCCCTCTCCGAACCCTGCCTGGAGACACTGGATCATCATTTCT
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>SEQUENCE:3644:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTA
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GAAGGAAAGTCATCTTAATCTCTATGAGCCTCCATTTCTCAGCTGTAAAATGGGAAGAT
CTTCCTCACACTGCTGTGAGGAAGCGGATTTTCTGACGCATATGAAGAGTGAGAACTGTC
TACATCTAAGTCTTCTTTGAGAACAATACCAGCTGAGCGGCTATTTACATTCCAGCTTCT
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>SEQUENCE:3645:prostate_MPM2000-004P4Novel007_8Table3

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AGTATTTTGAAACACTGTGATGTCTCACGCATGAAGGAAGACCTGTGGATTCTGCAGGAC
CAGTGTCGGGACCCTGCAGTGTCTGTCCGGAAGCAGGCCCTCCAGTCTCTTAATGAACTC
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>SEQUENCE:3647:prostate_MPM2000-004P4Novel007_8Table3

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TTAATGAACTTGATCAGGTTTCACTTGTCTCCCTCAAAGGGTATTCTGTACCCCAACCTGA
GAGCAGAAGGTGCCCTGTAAAGAGGCCATGCCGAAGTCTGTGAGAAGAGCACACTGAGAA
GAGTCAGGAGCACAAAGGAGCTGGGCCTTATTTCTGGTGTCCATTTCTGTGCCTCTCGCCC
AGTCGTGCTCCCCCGGAGCTGACTGTTCTGGTTTGTGTTTGGAGCTGTCTTATGTGCTGAA
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>SEQUENCE:3648:prostate_MPM2000-004P4Novel007_8Table3

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GGCCCACTGTGGAGACCCGGCCTCCTGGATCTACTCAGACCAAAAATGTGATGGCACTAA
CAACTGCGGGGACTGTTTCAAGTGAAGTGAAGCCAGTAAGTGTGTGCCACCCCTGCGGCC
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>SEQUENCE:3650:prostate_MPM2000-004P4Novel007_8Table3

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CATGTGGGAACCCGATTCCCTTTGGTAGGTGCGGAGAAATGTTTATCGGTCCAGTCCACA
GAAATGCTTGTGTTGGCTCCCCGACGATTGGTGAGTTGTCTGTGTATTGTCCGGGGTAACT
ATGGGTACAGCAGAGTCTAAACATTATGCTTATCTCTGCTATATTAAATTCTGTAAAA
TGGGGGAGTTCGGGTTCCCATGGAAAATATGGTCACCCTATTAGGGCAGTGGAAGAACA

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CTGTCCTTGGTTTCCTGAAAAGGGAACGTTAGATGTGGAACATATGGGATCATGTTGGTGC
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>SEQUENCE:3651:prostate_MPM2000-004P4Novel007_8Table3

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TGGTGTCTGTTGTGATTTCTCTTATTTAGTTGGATTTTGTAGTTACTTTAAAAGTTAACG
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>SEQUENCE:3652:prostate_MPM2000-004P4Novel007_8Table3

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ATGCCAGGCATGCTGATGGAGTTTTACCAGTGACTTCAGTAAACTCTTGGGTCAACTTT
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>SEQUENCE:3654:prostate_MPM2000-004P4Novel007_8Table3

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CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCC
CGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGT
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>SEQUENCE:3655:prostate_MPM2000-004P4Novel007_8Table3

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CTAAGACAGCTCCAAAACAAACCNAACAGTCAGCTCCGGGGGAGCACGACTGGGCGAGAG
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TGCTCTTCTCACAGACTTCGGCATGGCCTCTTTACAGGGCACCTTCTGCTCTCAGGTTGG
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>SEQUENCE:3656:prostate_MPM2000-004P4Novel007_8Table3

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CTAAGACAGCTCCAAAACAAACCNAACAGTCAGCTCCGGGGGAGCACGACTGGGCGAGAG
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TGCTCTTCTCACAGACTTCGGCATGGCCTCTTTACAGGGCACCTTCTGCTCTCAGGTTGG
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ATGCCAGGCATGCTGATGGAGTTTTACCCAGTGACTTCAGTAAACTCTTGGGTCAACTTT
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>SEQUENCE:3657:prostate_MPM2000-004P4Novel007_8Table3

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TGTCATAACCATCTTCTCACGGATGATGTCAGAAATGAGCTTCAGCCCCTCGGGGCCCT
CGTCTATGCCCTTGATGAGGGTGATTCCCAGCGCTTTCTTGGGCACTCTCCAGTGATCT
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>SEQUENCE:3658:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3659:prostate_MPM2000-004P4Novel007_8Table3

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TATCCCAAGGTGCTTCTTTTTCAAGGTCTGTGTATTCAATGACCCTTTCTACTGAGATC
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GACCCAAAGGCAACGATGATGACAAACATGGCACAGATGGCATCCAGACGGACGGCGAAC
CAGCGGGACGTTGTCAAAAACAAGAACCAAGCCTCTGAATGTAAATCCTGGTGTGCATCA
AACAGTTCCTGACACCTCTCTTCTGCTTTGTATGCCCGGATGGTCCAGAGCCCCTGGAGA
GAAGATGACAAGTGGGAAAACACTGGACTCCGAGTTGTAGATTCCAGGCGCTTCACATCT
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>SEQUENCE:3660:prostate_MPM2000-004P4Novel007_8Table3

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ATGCCAGGCGCATCTCAGCTAATCCAAAAGTAAATGAGAACTTAGAAAAGGATTGCCAA
TTCCAAATCAACATATTTAGAGAAAATTGGAAAAGGAGAAGCTTACTACAGCTTTATTTG
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>SEQUENCE:3661:prostate_MPM2000-004P4Novel007_8Table3

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AGCCACCCCCCAGGTCAGAGGTTCTGTGATGCCCTCTGTGATTAGAGCACATGCCATCA
TTACCTTAGGTAAGCTGTGCTTACAGCACGAGGATCTGGCAAAGAAGAGCATCCCAGCCC
TGGTGCGAGAGCTCGAGGTGTGTGAGGACGTGGCTGTCCGCAACAACGTCATCATTGTAA
TGTGCGATCTCTGCATTCGCTACACCATCATGGTGGACAAGTATATTCCCAACATCTCCA

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TGTGTCTGAAGGATTCCGACCCATTTCATCCGGAAGCAGACACTCATCTTGCTTACCAATC
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>SEQUENCE:3663:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3664:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3665:prostate_MPM2000-004P4Novel007_8Table3

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CACCAGCAGCAACAGCAGCAGCCGCCACCACCGCCAATACCTGCAAATGGGCAACAGGCC
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>SEQUENCE:3666:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3667:prostate_MPM2000-004P4Novel007_8Table3

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AAAATTCTCACTTTTGGCTTTGGATTGGCTTTGCAGGAGTGCAGATTGATCATAGCTTTT
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TTTACTATCTTTAAATATATGACTGTAAGAGTATGATAAATATGCTGNTTTCTAATCTCT
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>SEQUENCE:3668:prostate_MPM2000-004P4Novel007_8Table3

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GTATTCTGGTTAATAGCCCCAGATGAGCCAGCTTCCCACCCATCTCCCGTAAGGGGGCAG
ACACATAAGGGAAGCCACCTTGGACCTTTCAGGTCAACCCATCTACCAGGGTGATACCTA
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>SEQUENCE:3669:prostate_MPM2000-004P4Novel007_8Table3

TCCACCGCGGTGGCGGCCGAGGTACATACTTCAGAGGCTAGTTGGCAGGAGTCACTAAGT
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TCTCTCCCTGCATGTTGGTCATTAGGGTCACAGGCTCTGAAGTCAGGCTCCTAGGGTAAT
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CAGCACATACAGTCACCCAAATAAAGTATATAAGAGTATCTTGTAAGTTCCAGTAAGTG
CTCACTCCTATGATATTGATGTTCCCATTTGAATTCCTGTGGTATTATGCAATCATCTG
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>SEQUENCE:3670:prostate_MPM2000-004P4Novel007_8Table3

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AATTATTTTATACTTATAAATTTGTTTTGGATTATTCAACTGAATTTGGAGTGTTTCTAGA
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>SEQUENCE:3671:prostate_MPM2000-004P4Novel007_8Table3

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CGTGGCCAGAGGCACATCCCTCCCTCACATATACTGAGTGGTGTAATGCAGTCACCTTGT
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>SEQUENCE:3706:prostate_MPM2000-004P4Novel007_8Table3
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GCTTTTAGTAGAGAGCATAAAAATGATAAAATACTTCTTGAAAACCTTAGTTTACTATACA

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TCTTGCCCTATTAATATGTTCTCTTAACGTGTGCCATTGTTCTCTTTGACCATTTTCCTA
TAATGATGTTGATGTTCAACACCTGGACTGAATGTCTGTTCTCAGATCCCTTGGATGTTA
CAGATGAGGCAGTCTGACTGTCCTTTCTACTTGAAAGATTAGAATATGTATCCAAATGGC
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>SEQUENCE:3707:prostate_MPM2000-004P4Novel007_8Table3
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GCGCAATCTTGGCTCACTTTAACCTCCACTTCCCTGGTTCAAGCAATCCCCTGCCTTTG
CCTCCCGAGTAGCTGGGATTACAGGCACACACCACGCCAGCTAGTTTTTTTGTATT
TTTAGTAGAGGCGGGGTTTACCATGCAAGCCCAGCTGGCCATGTAGGTTTTAAAGCAAG
GGGCGTGAAGAGGGGCACAGTGAGGTATGTGGCTGTTCTCGTGGTAGTTCATTCGGCCTAA
ATAGACCTGGCATTAAATTTCAAGAAGGATTTGACATTTTCTCTTCTTGACCCTTCTCTT
TAAAGGGTAAAATATTAATGTTTAGAATGACAAAGATGAATTATTACAATAAATCTGATG
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CAAGCTTATCGATAACCGTCG
>SEQUENCE:3708:prostate_MPM2000-004P4Novel007_8Table3
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CCCAGAGTGGCACAGCTAGTCAGTAGGGGAGCATCAGATTTGAGAAATCCAGAGCTATTC
TCACATCCAGGGCTCCTTTCTAGACTACATAGAGCTGAGGGTTTCGGCAGTAAGATGAGG
>SEQUENCE:3709:prostate_MPM2000-004P4Novel007_8Table3
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GTAATAACCAATCATTTTGTGTTCTGATTTCCATCCTTTTTATGTTCTGGCCTTTGTGTA
CGACTGATGATTAAGTAAGGCAAAGTCTACTTTTCAAACGAGCCGCCAAGGGCAT
TAATAGACCCCATTTGTAACTGAGAAATGATTCTCGTTTTAGTAATCATTCTATAAATG
ATACTGCTGGATTGATTGCCGAGGGTTGATAGCTGGAGGAATTGTTTTGGACAATACTAA
CATGTGAATCTATGTCTTAGTTTTATTGTCAGCCTTGCTAAGTAAATGAGCCTTTGTAT
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>SEQUENCE:3710:prostate_MPM2000-004P4Novel007_8Table3
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CCTAAGTAGCTGGACTCAGGCACGCACCACCGCCAGCTACTTTTTGTATTTTGGCA
GAGACGGGGTTTCACCATGTTGGCCAAGATGGTCTCGATCTCTTGACCTTGATCTGCC
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TCTTAAACCTCTAAATATTTGTTTCTAATCTGGCTCTTCAAATAAATTTTATCTGAA
>SEQUENCE:3711:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3712:prostate_MPM2000-004P4Novel007_8Table3
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AATTGTTGTCTTGTGTTTGGTCTCTTTAGGAGGTGGTTTTATAATCAGCTATAAACTCC
AATAGGTGCTCTTGAATGCAGGTTTCTGATAACTTTGGAGATTGTGACAACAGAATAGAG
GAAGAACCTTCAGGACTCATGGAGAGCTAAATGTTTCATGAGTATCAAGCAGGAATTAACA
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AATTT

>SEQUENCE:3713:prostate_MPM2000-004P4Novel007_8Table3

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CAACAGCAGGCCCATCTCAGATCTTCACTATGGCAACTTATGCAAGAACTGTTGAATTA
GACCCGTTTCTATAGATGAGAAACCATACAAGCTGTGGTATTTATGAGCCTCCATTTCT
TATACTACTGCAGTGAACCAACATTGGATGTGAAAATTGCCTTTTGTGAGGGATTGATA
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>SEQUENCE:3714:prostate_MPM2000-004P4Novel007_8Table3

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TTCAGTCCTAATGATGTATCAAAAGATACATTTTATATAGCATGGAAATCTATGTGTAAA
AGCCACATAGATGTTTTGATTTTTGATGAAATCAATCAAAGACAAAAACCATGCGTTACC
CAATGTAGGATTAAGCTTTTAGAAGGAAGCTATGGGTGTTTGATCTAATGGTGATTTCTT
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>SEQUENCE:3715:prostate_MPM2000-004P4Novel007_8Table3

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GGTGTAACAAAGAAGTGGGATATGAACTATATCCCTGATTTTTTTTTTTTTTTTTTTTT
TTTTGAGACTAAGCCTCACTCTTGTCCCCCAGGCTGGAGTGCAATGGCGCGATCTTGGCT
CACTGCAACCTCCGCCTTTCAGGTTCAAGAGATTCTCTTGCCTCAGCCTCCTAACTGGGA
TAACAGACACCTGCTACCATGCCCGGCTCATTTTTTTTTGTATTTTGTAGAGACGGGG
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>SEQUENCE:3716:prostate_MPM2000-004P4Novel007_8Table3

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ATCTCAGCTCACTGCAACCTCCAACCTCCAGGTTCAAGTGATCCTCCTGCCTCAGCCCCT
CCAGTAGCTGGAATCACAGGCACATGCCACCACGCCCGGCTAATTTTTGTATTTTGTAGTA
GAGACAGGGTTTCGCCATGCTGGTCAGGCTGGTCTTGAACCTCCTGACCTCAGGTGATCCA
CCCACCTCGGCCTCCAAAGTGCTGGGATTACAGGCATGAGCCACTGCTCCTGGCCCCAGC
TTCTAATTAATTAAGTGATAAAGATCATTTCAATATCTTCTTCAGTTCATAGAGTTCT
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TTTAATAAGCACCT

>SEQUENCE:3717:prostate_MPM2000-004P4Novel007_8Table3

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CTGCCTTGGCCTCCCAAATGCTGAGATTGTAGGCATGAGCCGCCATGCCTAGCCCAGCT
TGTCTTTTGTACTTACCAGTGTTCAGAGAACAAAAATTTAATTTGATGAAGTC
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CTAGTCCTAGGTCCTAATTCTCCTTTGTTTTCTTCTAAATGTTTTATTATTTTACATGTT
AACGTTTAGATTTATGATCTATTTAAGTTTTTTTAAAGTATGAGGGTTATGTTTTTGG
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ACT

>SEQUENCE:3718:prostate_MPM2000-004P4Novel007_8Table3

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CCTCCACCTCCTAGGCTCCAGCAATCCCCCACTTCAGCCCCTCAAGTAGCTGGGACTAC
AGGTGCATGCCACCATGCCAGCTAATTTTTGTATTTTTTGTAGAGACAGGGTTTTGCT

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CTGTTGCTCAGGCTGGTCTTGAAGTCCAGGACTCAGTCTAACCACCAGCCTTGGCCTCTC
AAAGTGCTAGGATTACAGGCTTGAGCCACCATGCTCGGCCTATATTTCTTCAAATGTGT
GTTTTGCGCTTAAGTATTTCTTCTGTTGGCCAAATCTCTGATTTCCCATTTTAATTAAGT
CTTAATGTTTGCAAATATTTTTTTCATCTTTTAAGCTTTTTATGTTGCATCTCAACAT
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>SEQUENCE:3719:prostate_MPM2000-004P4Novel007_8Table3

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TTTGGCAGTAGAGTTACATTACCAGGGTGTCAAACCCAGCAATATGTCACAATTGCTTAT
GTGGTCCGGGAACAGGCAGGAGAGTCAACATAACCTGGGCATAGGGCTCAGAGACATGTCC
CAACGCCTTCCGTAGGCAGTGCCAAGGCAGGGGAGGAGACTCAAATCATTTAAGTGTAAG
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>SEQUENCE:3720:prostate_MPM2000-004P4Novel007_8Table3

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TCGTATCTCCTGGAGGTTTGCTAGAAGTCTTTGGCATTCTTGGCTTGTGACAGCATAAC
TCTGATATTCATATGGCTTTCTCACTCTATCTCTGTATCCAAATCTCCCCTTTTCACAAG
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AAGACCTTGTTTCCAAGGTGCTAGGGTGGTGGGTGGAGACAGGGGAGAGACTATTCAATT
CATAACACCTAAGTATTGTGTCTCCTTAGTCCGTTTCAGTCCCCACCCAGCCCTGACTTG
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GGGGAAAGAAAGGAAGAGATGGTCTCAGTAGAGATGAACTCAGGTGCAGAATCTGAGTCT
CAGCACAAGGACTACTATGCAGAAGTGGGTAAAGGAATGAGAACACTCAGGAGCTCGGTG
GGCACACAGTCATGGGGACTAGGCAGTTCCAAGGATTGAAATACGGATAAGCAGGTGCGAG
AAAAGCGACATCCAGAGAACTTGTAGATGAGTGCTCCGTGGTTTGTGACATTGAAAAATG
AGACAATGCCTGCCTCATAGTCTAGGAAAACCCCAATACGACAGGGAGGCACAGCCATAA
AGAGAGTCAAAACCTTGGGATCAGAAGAGGAGGAGTCCTCAAAAGCATTATATTCACATG
TATTCTGTAATCCTATAACCCAGTAGCCATATTGAGGTCTATATCTGGAGTAACTTTTG
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>SEQUENCE:3722:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3723:prostate_MPM2000-004P4Novel007_8Table3

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GACCAGGCTGGTCTCAAACCTCCTGACCTCGTGATCCGCCTGCCTTGTCTCCCAAAGTGC
TGGGATTACAGGCATGAGCCACTGCGCCCAGCCCAAGACTCCTATTTTAAACCTGAAA
AAATTTTCATGAATGAAATGCAGATAGAATCTGTAAGTCACTTGCTACATTAAATACTC
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>SEQUENCE:3724:prostate_MPM2000-004P4Novel007_8Table3

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CAGCCTCCCAAAGTGCTGGGATTACAAGTGTGAGCCACCGCAACCGTCCCTGTATACTTT
TTACCCACACAGCATAGCCACATTGCCTACAACACAGGGGGTGTTCATAAATGCCTAAA

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TGTTTGTTGGCTGAATTTAAAATAATTAAAGACCTGCAGTTTATATGCATAAAATCATAA
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>SEQUENCE:3725:prostate_MPM2000-004P4Novel007_8Table3
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GAATTTTTTTTTTTTTTTTTTTTTTAAAGTTAAAAATTAAGCACAAGATGCCAGGCATG
GGAGGATCACTTTGTGAGGCCAAGGCGAGAGGATTGCTTGAGCCCAGGAGTTCAAGACCA
GCCTGGAGAGCATAGCAAGACCCCATCTCTGACAAAAAAATTAGCTGGATGTGGTGGGC
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>SEQUENCE:3726:prostate_MPM2000-004P4Novel007_8Table3
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GTCCAGATAGCTGATTCTTGAACCTCTAGGTGGCTTGCCTGGTTACTGGTAGTGACAGCA
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>SEQUENCE:3727:prostate_MPM2000-004P4Novel007_8Table3
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CTCTAAAGTTCTTGGATAAAGCAAGGTAAGGATCCTTCTCTAGGGATGAAGTCCTCAGGA
CAAAGGAGTAATATCAACTTCAGGTAGTTGTGTCTGTAGTTCACACCTGTGATAGTCATT
GGTCAGTAGGCTTGAGCTGACTTGGCCCTAATGAGTCCTTGCTCCTTTTGAAGCAGGAG
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>SEQUENCE:3728:prostate_MPM2000-004P4Novel007_8Table3
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GAAAGTGCTACTGGCATCTGGGAGGAGGCTGCTAAACATCTCACAATGTGTTACCCCGTC
CCAAATGTCAGTCGTGTTGAGGCTGAGAAACATGGTTTAAATGAGTCAGAGGCTGGCCAC
AGTGGCACGTGCCTGTAGTCCCAGCTACTCAGGAGGCTGCGGTGGGAGGATTGCCTTAAC
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>SEQUENCE:3729:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3730:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3731:prostate_MPM2000-004P4Novel007_8Table3
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TTAGATGACACTTATTTAGGAGATGGAGCAATAAGATCAGAGGTCTTCTAAGGATTCTGG
GGAGTCAGTGTATAGATGGAAACCAATATGAGTGTGTAGCCCCAGAACTGCTCAGATA
ACCTGGTCAGAACTAGGCAAGCTGGCAGGGGTTGGGAAGCACAGATGTAGAGCACATCA
AGGCAAGTGACCAAGAGTATTGTAAAAAACATTTTGGTATCATCTTGTAGCAAGTTCTG
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>SEQUENCE:3732:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3733:prostate_MPM2000-004P4Novel007_8Table3

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TGCCTGGATGGAGGCGCAGGCAGCCTTGACCACGGCTGGTCCCCTCACCCAAAAGAATTA
TCAGCCCAACAGGCAAGACCCCAACAGGTGCTGAACTGTGCATCAACCAGGAAGAGCTCTA
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>SEQUENCE:3734:prostate_MPM2000-004P4Novel007_8Table3

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AGGACTCCGGAAGGCCAAGACAAAGGCGGTTTCCCGCTCGCAGAGAGCCGGCTTGCAGT
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GCGCGACTGCCGCTGTGTACATTTTCTGAAGAAGCTTAGATATAGTTGTGTAGTATTT
TCCCCTGGAATACGCCCCATTATACTTTCTCATGGATAGTCAGTTTGGTGCTTTTAAATC
CTCTCCTTTTAAAAAGCATTTTTTGGTTAAACATTTTTGGAGTCTGTTGTGTAATAGTG
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>SEQUENCE:3735:prostate_MPM2000-004P4Novel007_8Table3

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AATGAGGAGCTCTGTGCCTTGAGCCCCCAGGCCATAGAATAGTAAATAGTCTGTGCCTC
CAGCCCTGCAGTGTGANGGTTACAGTCCTGTGGGCTCCACANCCCATCACTCTGTATCA
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>SEQUENCE:3736:prostate_MPM2000-004P4Novel007_8Table3

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TCTTTGACANCCGGGAAGAAGGTGGCGGGGTTTAGGGGCAAACTTCAATGGTTATGCGGG
GATGTTACAGAGCAAGCTTTGGTATCTAGCTAGTCTAGCATTATTAGCTAATGGTGTG
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GAGTTAGCTTATCTGCTTCTTGCTAACAGGGCTATTGCTACCAGGGACTTTGGACATG
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>SEQUENCE:3737:prostate_MPM2000-004P4Novel007_8Table3

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CATCTACCGGCTCCTTCTGATGGATTTTGTGTTCTCTTTAGTCAATTCCTTCTGGGGGA
GTTTCTGAGGAGAATCATTGGGATGCAACTGATCACAAGTCTTGGCCTTCAGGAGTTTGA
CATTGCCAGGAACGTTCTAGAACTGATCTATGCACAACTCTGGTGTGGATTGGCATCTT
CTTCTGCCCCCTGCTGCCCTTTATCCAAATGATTATGCTTTTCATCATGTTCTACTCCAA
AAATATCAGCCTGATGATGAATTTCCAGCCTCCGAGCAAAGCCTGGCGGGCCTCACAGAT
GATGACTTTCTTCATCTTCTTGCTCTTTTCCCATCCTTCACCGGGGTCTTGTGCACCCT
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>SEQUENCE:3738:prostate_MPM2000-004P4Novel007_8Table3

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GAAGGCAAAGGGGAAGCAGCCTTCTTCAACAAGGTGGCAGGAGAGAGTGCAGGGGAAACTG
CCACTTTTAAAACCATCAGATCTTGTGAGAACTCCCTCACTATCACAAGAACAGCATGGG
GAAACAGCCCCCATGATCCAATCACCTCCCACCAGGTCCCTCCCCTGACACGTGGGGATT
ACAATTCAAGATGAGATTTGGGTGGGGACACAGAGCCAAATCATATCAGCCTCCTAACTT
CACATTTGGTAAATTTGATTTCTGGTCCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATC
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>SEQUENCE:3739:prostate_MPM2000-004P4Novel007_8Table3

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TGCAATCCCAGAGCAGGCAAATAATCTATGGGATAGGATTAGAAAGGTTCCCTCAGCAG
GGTGCAGTAGCTCACACCTGCAATCCCAGCACTTTGGGAGGCCGAGGTGTGTGGATCATG
AAGTCAGGAGATCGAGGCCATCCTGGCTAACATGGTGAAACCCCATCTCTACTAAAAATA
CAAACAATTAGCCTGGTGTGGTGGTGGGCACCTGTAGTCCAGCTCCTCGGGAGGCTGAG
GCAGGAGAATGGCATGAACCCAGGAGGTGGAGCTTGAGTGCAGTGAGCCGAGATTGTGCCACTG
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>SEQUENCE:3740:prostate_MPM2000-004P4Novel007_8Table3

ACCGCGGTGGCGGCCCGCCCGGCAGGTACTTAAATATTATATATTTTCCATTTTCATAATTG
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ACTTGCCATATTNTCTGGTTCTATATTAAGTTCTATCCTTTATATGCTGTTATTATAAAG
CTGGTTTTTAGCATTTGTCTGTAGCAATAGAAATTTTACTAAGTCTCTGTTCTCCAGTA
AGTTTTTCTTTCTCAGTAAGTCCCTAAGAAAACATTTGTTTGCCACTCTTACTATTCC
CAATCTTGATTGTTTCGAGCTGAAAAAAAAATTTGATGAGAAACAGGAGGATCCTTTTCTG
GTGAATATAGGTTCTGCTTTAAGAATGTGGAAATCCATTGCTTTATATACTAATATAC
ACACAGATTAATTAATAATTGTGAGAAATAATTCACACATGACAAGTAGGTAACATGCATG
AGTTTTGAATTTTTTTAAAACCCCACTGTTTGACAAAATATAGAACCCCAAATTGGTACC
TCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCG
ATA

>SEQUENCE:3741:prostate_MPM2000-004P4Novel007_8Table3

GGCGGCCGACGACGGATTCTGTGAGCTGGGTTGACAGATACCCTTTCATTGTTGGCAGTG
GGATGATGTAGCAAAGGACCAATTTTCTGGAGATCCTATTACGTGAAGGGACTTATACT
GGACACATCATGGAGAAAATCAGAAGAAGTGTTAATAAGACCCACTCCTGGATGCGGCCA
CTCTCAATTCTCAGTGTCTTTGGGAAGCAAGGTTCCGCATCCACTTGTCTAAACAGATGA
TGATAGCAGAGGTGCTGCACACCTTCTCCCTGTGACTTGTGAATGCCTTTCATGCTCCCA
AATAAGGAACTCCTCTCACTGCTGTCTGCTCTGAGCTGTATTTTCATTTTGATAGCCATT
GCAGGAGACACCTTTGAACTCCATGCAATGTAAAAGATGTGCTGAGAAATTCTTCAATG
GAATTTCTTCCCCTTTTCCCCAC

>SEQUENCE:3743:prostate_MPM2000-004P4Novel007_8Table3

GGCGAATTGTAGCTCCACCGCGGGGGCGGCCGAGGTACTTTTTTTTTTTTTTTCTTTGTGA
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TGAACCTCTGGACTAAAGCCACCCTCCCCTTCCAGCTCCCAAGTAGCCGGGACAACAAG
CACAAGCCACCACACCTGGCTAATTTTTTAAATATTTTCGTAGCGATGGGGGCCTCCCTGT
GTTTCCCAGGCTGATCTCGACCTCCGAGGCTCAATCGATCCCCCACCTCGGGCTCCCAA
AGTGCTGGGATTACAGGCTTGACAACTGTGCCCGGCCTGGGCTTTTTTGAAGGAGTCTTC
CTGGTCCCGACAGTTCTCCT

>SEQUENCE:3744:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGCCAGGTACGCGGG
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ACAGAAGCTTCTGGGTAGGGGCTGGAGAAGGGTCGGGGAGATATTTCCGTTAGGACATCG
CTGAAACACAGACTGGGATCAAATGTGCTCATAGTCTAAGGATCTCCAGCACCTGCC
GGTGGCACTACTGAAAGACGAGGTGCCAGGGTGGTTCCTGAAAGTGCCTGAGCCCCAACT
TATCAGCACGGAGCTCATCATGCTGACAGAAGTCATGGAGGTTTGGCATGGCTTAGTGAT
CGCGGCGGGGTCCCTCTTCTGACAGGCTGCTTCCTAACC GCCATCAACTACCTGCTTAG
CAGGCACATGGCCCACAAGAGTGAACAGATACTGAAAGCGGCCAGTCTCCAGGTTCCAG

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GCCCAGACCTGGCCACCATCA

>SEQUENCE:3745:prostate_MPM2000-004P4Novel007_8Table3

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TTCCTCTAACTTAACTTCTCTTAAGTGAACCTGTCTTCCACTGGGATGACTGTCTACA
TGCTCAGGAATCCTGAATTCATGACTATGTTCAACTCCCACGACCATTTTTAAATCATCA
AAATGGCAGCAAATGTCATTACCTGGACCAAAAAGCTGCAGGTTTTGTGGCAAATGGGAA
ATGTGTTATAGAATATGACTGGGAAAGAGGGATTTCTTAGTGCTGCCCAGAATTAATTCA
GCAAACACTGAACATTACTACGTGCCACATATAGGATCATACTGCATTCGAGCGGCCGC
CCGGGCA

>SEQUENCE:3746:prostate_MPM2000-004P4Novel007_8Table3

TAATGGAGAGTGAATATTTTATTTGGTGATGTATTCTTCACTTATTAATGATGAGGTCAA
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AAACAAATACAAAAAACCAAACGTCCTTCTAATTCTGAATCTGTTGACTGGAGTGAA
TTCAGTGGTCACAATACCACCATCAAATAAGAATCAACTTCCTCAGAGTAAGGAGCTGTT
CCGATCTTCTCAATAGTTCACACAGGTCTCTCAGATATAGGCACCATGTTTTAAGTCTCA
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>SEQUENCE:3747:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGGCCGGTTCGAAAA
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TTCCAGGGAAAGATCTGACCGAAAAAGAAATGATCCAAAAATTAGACAAGCTGGAACCTAC
AACTGGCCAAGAAGGAGGAGAAGCTGCTGGAGAAGGATTTTCTATGAGCAGGTCTCCA
GGCTCACAGACAGGCTCTGCAGCAAACTCAGGGCTGCAAGCAGGACACACTGCTCTTAG
CCAAGAAGATGAATGGCTATCAAAGAAGGATCAAAAATGCAACTGAGAAAATGATGGCTC
TTGTTGCTGAGCTGTCCATGAAACAAGCCCTAACCATTGAACTCCAAAAGGAAGTCGGGG
AGAAAGAAGACTTCATCTTCACTTGCAATTCCAGGATAGAAAAGGTCTGCCACTCAATA
AGGAAATTGA

>SEQUENCE:3748:prostate_MPM2000-004P4Novel007_8Table3

TAGCTGTTTCTGTGGTAAAACGAACCGGCAGATGCATGCTCAAGCGGGCTCCCTTGTGA
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AACTGATTTAAGTCCAACACCAGTGAAAGGAGAAATTATGGCACCAAACTTTCCCTCTT
CTATCATACGATGATTTAAATTATGATTCAAACCTACATTTCTCTTTCTAGGCTTTGTCC
CATAAAAATTTGTGCAGTTTTTCAACATTAGAATTCTTAATTCTATTGGAAACAAAGCAA
AACAAAACACAGACAAAACCAAACAGACCTCAAGTCAACAAATCTATTGGGATATTGTT
TACGAACAAAGTCCACCTTAAGCATTGGTCCTCAAAACAGAGCTCCTCAAAATATTAGGT
GCTGTGCTCATTACAGAATCAAACCTGATCACACTGATTGAAAACCTTCTCAATGAAATTT
TCAATCAACAACATGCTTGAAATAAAAGTCAAACAGTGTTCCAACCACTTGATTTCAAAC
CAAGTAGATTATACGTTTACAAACACTAAAAAAGGTGTGTCAATTTATAAATACGGAAGG
AACAAAACATCACTGCATCAAT

>SEQUENCE:3749:prostate_MPM2000-004P4Novel007_8Table3

CTCCACCGCGGTGGCGGCCGCGGGCAGGTACGCGGGCAACCATCAAGCAGCTCCATT
A

CCCAGCACTTCTACCTGAATTTACCATCACCAACCTACCATATTCCCAGGACAAAGCCC
AGCCAGGCACCACCAATTACCAGAGGAACAAAAGGAATATTGAGGATGCGCTCAACCAAC
TCTTCCGAAACAGCAGCATCAAGAGTTATTTTTCTGACTGTCAAGTTTCAACATTCAGGT
CTGTCCCAACAGGCACCACACCGGGGTGGACTCCCTGTGTAACCTTCTCGCCACTGGCTC
GGAGAGTAGACAGAGTTGCCATCTATGAGGAATTTCTGCGGATGACCCGGAATGGTACCT
CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA
TACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAG

>SEQUENCE:3750:prostate_MPM2000-004P4Novel007_8Table3

GCTCCACCGCGGTGGCGGCCGCGGGCAGGTTCGTGTCACTTTTATGATCTTTATTGTT
GGTAGCCATGTGCATAGCTAAAAATGGTTTTAGTGAGTGGGTAACATAAGATAGAAAG
GGAGAAAGGATATTGGGAGGAATCGTAGTCTTTGCTACAAGGTAATACCGTATAATTTT
TAAATGATAAAGTTGTATAAGTAAGGGTCAAAGTCACTTGTAGCTAACTTTCAATAGTT
CCACCTTTACCTTGCCTAGCACAGTTAGCATGGTCTTGGTATCTAGTGTAATCTGATCT

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TTTGGACATGTGAAGTGTGAGATGCTCGTGGGATATCCAGCAAAGGTGAAAGGTAGGTGG
TTGGACAGGAGTCTGGAGCTCAGGGAGCCATCAGCATGGTGACCCATGTGGACAAGCTTA
ACTCGGTGATTTCACTGAAAGTCCCGGGACTGGGCGGCGTGATTGCCAGGGGCATGGGCT
CTCAGTGGTATCATACTGCCCCCTAGGGGCTACCAGAACTGCAGTCTATTTTTGGTGGT
CAGTAATACGGGGCTACTGGCATTGGAAGGAAGGGTATCAGGGAGGGGACTCTAGATGTC
CTGCAGTCTCCTTCGTAATGGAGAGTTACTCTAAATCCTGGACTTTCAAAGCCCTGAAT
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>SEQUENCE:3769:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACC
AAACAGAAAGAGGGTTTAAAAACAGCTGCACAAACCAGAACACCGATTGAGAATCTTT
TCTCCCTCTTGAGTTTTTGTAAATACTTTATTATTGATTTTTGCTTTTTTCTCCCTT
CCCTCCCAGGAGAAGACATTTGGGTCTTGGCCTGAGGCAGGGGTGTTGAGCGATGATGCT
CTGATATGGAGCTGTCACTCTAGAGCTCGGCCAGATGGAAGACACTATAGAACCAGGTTG
GACAGATTTGGGGTCAGGGTTGGAGGCTGAGTTCTTTGAGGACTGGTTGGAGTGGCAGC
CAGATGGTGGCTGCTGACAAGGCAAGAGGAATTCAGAGATTAAACATT

>SEQUENCE:3770:prostate_MPM2000-004P4Novel007_8Table3

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACTCGCCAGCGGTTTTGCCA
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CTGCGTTCGGTTTCCATTGGCTGGGACGGGACCTCACCTTCTGTATTTGTCCCGACTGGC
TAGCACTTAGAACTTTTTAAAGAGGCAAAGGCATAGGAGAACAAAGGAAGGAGGAAGTA
ACTTGTGGAATATTGAGAAAGGTAAAAACACCTTTAAATAAGGAAGAGGAACAGGCTATG
ACCTAATGCTTGTGTTGGATCAGTATAAGCATGTTAGGGCAAATATTTAGGCTAAATTGGG
GAGCTAAGAACATAAAGTAATTGATTTTTTATTATGGCTAGC

>SEQUENCE:3771:prostate_MPM2000-004P4Novel007_8Table3

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATGGTTTGCT
TTGAAGGCCAAAAGGAAGTCTAATTCTTATTCTCTCTGACTAGTTTTGTGACC
TAGGGAAATTTTGCAATCTTCTTGAGTTTCGTTTCTCATCAGGAACAGGATGCTACCTAA
GTCACAGGATAGTTGCTAGATTTAAATATGATCGCATGGCAGTGGACATGAGCCATAATT
AGTGGCTAAGAATATATTGACACTGAGCTCTCCTTTATCCATGTTAAAATTGTAGATAAA
CAACATTTGACAA

>SEQUENCE:3772:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTTT
CTGGAGACATGGGTGTGTCTGTAGACTAATCCTTATTCTCCAATTATTGAGTATAATATC
TCTTGTTTAACATGAGGAAAGGGTCAAATTTGAGGAAAAATGGCCTCTTGTTTGATGTGT
TTTAGTTTCAATTCTCTTCTATTAAGAGAAATCACTGTTAAAAAATTGTTTCCCATTT
CCGTATCTGAAATAATGACTGTAGTTGAGGTGATCTTGCCCTGGGTCTGAAATCATACTT
CCAAACCAAAAAGGACTTTGAATACAAAACCTTTAAGAAATCTTGTATGAATACAAGCTA
TATCTGAAAAATTGTGTTTTATAATATTGATGCCAGTTTTGCC

>SEQUENCE:3773:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACT
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AGGATGGTCTCAATCTCCTGACCTCATGATCCACCTGCCTTGGCCTCCCAAAGTGCTGGG
ATTACAGGCATGAGCCACTGCGCCCAGCCGAGTCATTTTTTAATACTACTGCATGTGAGT
TAACACAATCATTCCCAAATTGAAGTTTTAGATGGGCCCTCAAATTTTTAGGATATGGT
TTTCCTACAGGTTTATATTGAAAGTATGGGGTATCTCCTATTACTCCTCTTTTTATTGT
CTTAAAGGAGAAAGGGAGAGGCCAGAGACCAAATGTCCCCATTTCCCTATAG

>SEQUENCE:3774:prostate_MPM2000-004P4Novel007_8Table3

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGC
G

GGAACAAAATGAAAGGAAAAAGCCTCCTGTAGCCACAGAAGGAGAAAGTGCAATTGAATTT
TAATTTATTTGAAAAATCTGCAGCTGCTACTGAAGAAGAGAAAGATAAAAAGAAAGACCC
TCATGATGTAAGAAATTTTGAATACTGCTCGAAGTTGGACTGGAAAATCTCCCAAACA
ATTTCTGATTGATTGGGTCAGGAAGAATCTTCCCAAGAGTCCAAATCCTTCTTTGAAAA
AGTTCCAGTAGGTAGATACTGGAAATGTAGGGTTAGGGTAATCAAGTCTGAAGATGATGT
CCTGGTAGTATGCCCTACAATCTTAACAGAAGATGGC

>SEQUENCE:3775:prostate_MPM2000-004P4Novel007_8Table3

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CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAATAA
TGAAGGCATGCCAATTTATCGTAGACCATATGAAAAGGGTCGCCTAATCATCGAATTTAA
GGTAAACTTTCTGAGAATGGCTTTCTCTCTCCTGATAAACTGTCTTTGCTGGAAAACT
CCTACCCGAGAGGAAGGAAGTGGAGAGACTGATGAGATGGACCAAGTAGAACTGGTGA
CTTTGATCCAAATCAGGAAAGACGGCGCCACTACAATGGAGAAGCATATGAGGATGATGA
ACATCATCCCAGAGGTGGTGTTCAGTGTGACACCTCTTAATGGGCCAGTGAATAACACTC
ACTGCTGGCATTTAATGTGCAGTAGTGAATGAGTGAAGGACTGTAATCATAATATGCTCA
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>SEQUENCE:3776:prostate_MPM2000-004P4Novel007_8Table3

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGC
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TCTGCAGAACCCAAATTGGCGTTTGTGTCATCAGGATCGGAGGTTATCAATTGGGTGAGCCC
AAAGGTCTGAAAGGTGTTGCAACTTCTTTGCCTCATCAAATCTTCAATAGAACTTTGTG
AAGCTCAGCAGGGCTTCAATAATGTGCTGAGGTTTGTAGAACCATATATTGCATGGGCAT
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>SEQUENCE:3778:prostate_MPM2000-004P4Novel007_8Table3

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ATATATTTCCCTAGTATTTCTGGGATGATTTTTTTTTCTCAATGACTTTTGAGAATGCTT
TTGCTTTGTTCTCAAACCTTTGATAATCTCCATCATTACTGGTTGGGTATCCCTTATCTG
AAATGCATGGGACCAGAAAGTGTTCAGATCTCAGATTATTTTCAATTTGAAAATATTTCC
ATACAGATAATGAAATATCTTAATAATGGAAACCAAGTATAAACAGGAATTCATTTATGT
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>SEQUENCE:3779:prostate_MPM2000-004P4Novel007_8Table3

GTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGT
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TGAATCAGTTAATGTTCTACTAAATAAAGGAAATTCACATTCGCTTTCTTGTTAGGTTCA
TGCAAATATTGAAAACCTTTGGAATGAGGAAGAAGTTTGGAGAATTGAAATGTATATCTC
CTTTGGCATAATGAGCCTTGGCTTACTTTCCCTCCTGGCAGTCACTTCTATCCCTTCAGT
GAGCAATGCTTTAACTGGAGAGAATTCAGTTTTATTTCAGGTATGTGGGGTTTTGTTTGG
TGAAGGATTGTGCAGGATAGGATTTCTTGTTAAGAACAACCTGCATTTTAAATATGTTCC
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>SEQUENCE:3780:prostate_MPM2000-004P4Novel007_8Table3

CACTACTATAAGTTGGGCCCTCTAGATGCATGCTCGAGCGGCCCGCCAGTGTGATGGATAT
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CTGTCTTTTCTCTATCCATCTGTCTTCCATCTTTGCATCCATCATTCAACGAAATTTAC
AGCCTATGCAGATGTTCTGTGGTCTTAAACATGTTGTATTTCAGTTCAGCATGGCTGGCGA
GGTCTCAGGAACTTACAATCATGGAGGAAGGGGAAGCGAACACGTCCTTCTTCATATGG
CGGCAGCAAGAAGCAGTTCTTATTAATGCCACCTCTTTGCCTTGGCCATGCTTCCTCCC
CTCCCAGCCGTTGTTCTCCCCCACGAGAATATCTTCTCTTTTCTGCTTCTTAGTGGTTCT
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CCATGC

>SEQUENCE:3781:prostate_MPM2000-004P4Novel007_8Table3

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGNGCCGCCCGGGNCAAGGTACTTCA
TACAACTTAAGCCTAACTAGATTAGATTATGTAGAACTTATTCTTAGAGAATATATCG
CCTTAATATTTCTTATCCTGAANAGAGTATTTCTTAAGNTGCCCTCTCAAAGTATATCG
ATTAATAT

>SEQUENCE:3782:prostate_MPM2000-004P4Novel007_8Table3

AGCGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAG
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TGAGGGCAGCTCAAAATCAGTGATATGGTTTGGATCTGTGTCCCCACCCAAGTCTCATGT
TCTGTATTTCATCCCCAGTGGTGGAGGTTGGGCCTGGTGGGAGGGGATAGAATCATGGTGG
TGATTCCTCATGGTTTCACTCACTCTCCTTGATGCTGTGATTGGATTAGTGAGTTCTCC
TGAGATCTGGTCTTTAAAAGTATGTGACACATCCCCCACTCTCTTCTGCTCTGGCC
ACGTGAAATGCTAGCTCTCCTTTGCTTCTCCTCATGACAGAAAGTT

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>SEQUENCE:3783:prostate_MPM2000-004P4Novel007_8Table3
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CAGTTGATCTTGAAAGAAGAGATGGAGAAAGAGAGCCGGGAAAGGTCATCTCTGTTAGCC
AGTCGCTACGATTCTCCCATCAACTCAGCTTCACATATTCCATCATCTAAAACCTGCATCT
CTCCCTGGCTATGGAAGAAATGGGCTTCACCGGGTAAGATTTCTCCCCGATTCATTGTTT
CTGCCTTTACTCCACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCGCG
>SEQUENCE:3785:prostate_MPM2000-004P4Novel007_8Table3
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CTTAAACAAAAAATAAGAGAAAATATTAGTTTAAAAATAGAACTTATAGTCGATTTAAAA
AAGCAAGACCAAACCTTAGCTATGCACAAGAAAGTTACTTTACACATTCACAAATATAA
AAGGATGAGAAAACATGGATTATGAAAATATGAACCGAAATAAAGCTATAGTAGCTGTGC
AAATTTTCAGACAAAATAGACATCAGAAAAGACTTTTAGGACTTAACAGGGATATTACATA
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>SEQUENCE:3786:prostate_MPM2000-004P4Novel007_8Table3
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CTGCAGATGGCATGGCTCTGCGGCTCACCTTGCTGCAGTTGGTGGTGGTGACAGAGACTG
CAGCTTGACTGTAGTGTCCATGTTCTCCAGAGAAGCAGAACGAGTTGGATGTATGTTTTG
GAAGAGATTATGAGGAACCGGCTCATGTGATGAAGGAGGTTGAGAGGTCCTGTGCTCTGC
CATCTGCAAGCTGAAGACCTGGAAAGCTGAGGGTGTGGCTCCAGTCTGAGTCTGAAGGCC
CAAGAACCAGGGGAACCAACGGTGTAGATTCCAGGTTGAAGGCAGGAGAAGATGGATGTC
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>SEQUENCE:3787:prostate_MPM2000-004P4Novel007_8Table3
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AGCAGGAAGATGAAGCCACCCTGGAAAATAAATGGCCCTTCCTTGGGGTTCTTTGACAG
TCAAGGAAGCTTTCCAGCTACAAGGAATGCCCAATTCTTCTGGACTCATGAACCGTCGTG
ATGCCATTGCCAAAACAGATGCCACTGTGGTGGCATTACTGAAGGGAGCTGGTGCCATTC
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>SEQUENCE:3788:prostate_MPM2000-004P4Novel007_8Table3
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GGAACATTGGGAAAACCTCAGGCGATTTCTTGGGCAAGGACAAAGAAGATTCCTTTTCAG
GGAGCTTGTCTTGGGATGCAACTAGCAGTGATAGAGTTTGCAAGAACTGCCTTAACTTG
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>SEQUENCE:3789:prostate_MPM2000-004P4Novel007_8Table3
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TGGAAGTGTGTCCTTACCCTTCTGCAGAGTGAGGAGCAAGCTGTTAGAGATGCAGCCACG
GAAACCGTGACAACTGCCATGTCACAAGAAAATACCTGCCAGTCAACAGAGTTTGCCTTC
TGCCAGGTGGATGCCTCCATCGCTCTGGCCCTGGCCCTGGCCGTCCTGTGTGATCTGCTC
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AGTGATGACCTCGTGGCCTGTGTGGAGAGCATGCA
>SEQUENCE:3790:prostate_MPM2000-004P4Novel007_8Table3
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TTTTCTCTGAAAGGAATCTTGTCTTGTAAACCCTAAAGAGAGTGTCTTAATAGCAATC
AGCACTTGTAAGCTTATATACTGGTGCATTTGGTTTTCTGTTGGGTGAATGCGGTGTGTG
GGCGTTTGTGGATTCTGAAAGAGAAAGCCGTGTGTGCGTGTGCCATGACATTTCTATTGCA

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CATTCTTTGTACTCAGAGGAATTTTTTGTGTTTGTCTTTAAGAAAGGAAAGAAA
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CTTCTTCTTCAATAGAGGAA

>SEQUENCE:3791:prostate_MPM2000-004P4Novel007_8Table3

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC
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CCCACATGTTGTAGGAGGGACCCAGTGGGAGATGACTGAGTCATGGGAGTGGATATTTCC
CATGCTTTTCTCATGATAGTGAATGGGTCTCACAAGATCTGATGGTTTTAAAAGTGGGAG
TCTCCCTGCACAAGCTCTCCTTTTGCCTGCTGCCACCCACGTAAGACATGACTTGCTCTT
CCTTGCCTTCTGCCATGACTATGAGGCCTCCCCAGCCATGTAGAACTGTAAGTCCAATTA
TACCTCTTTCTTTTG

>SEQUENCE:3792:prostate_MPM2000-004P4Novel007_8Table3

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACATATTT
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TCAGCCAGTAAACTCATAGTGAAGCAGCTGCGCACTCCCCCAACAATTGAGAATTGAACA
AATTTCCAGAGAGAAGTGAAAAATATCAAAAATTAATACTCTAACTTGAAGACAAGTTG
AGAGACCATTTAGTCTGGCCACCTGTATCCAAGATTCATTTAAACCAAGCAGCGGCCAG
GCACGATGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGCGGATCACGA
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>SEQUENCE:3793:prostate_MPM2000-004P4Novel007_8Table3

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TTGTGCCGCTGGAATTGGCTTGTGGGTCACTTGTTGTGCAAAAGTGAATTAATTTCAAAT
AGGAATCATATTGCTTTTGTGAAACAAAGAAAATTTACCACCTTGTCTGATACATAGATT
GGAAGGCGCTCTTGTTAAAGAATAACCCACAAACACCTGATCTTGATTGGAAAGCATTGT
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>SEQUENCE:3794:prostate_MPM2000-004P4Novel007_8Table3

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TTAGGAGCAATTTGTGCAGTGTGCTGGTTATTATGGTGCTATTTGCAACTAGGTGTAAC
CGCGAGAAGAAAGACACTAGATCCTATAACTGCAGGGTGGCCGAAACAACTTACCAGCAC
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>SEQUENCE:3795:prostate_MPM2000-004P4Novel007_8Table3

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CTTAGTATTTGTCTGGGAATGTCTTTAATTTCACTTTTTTTTCCAACCTTTCAACAAAAGCT
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>SEQUENCE:3796:prostate_MPM2000-004P4Novel007_8Table3

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CCAAATGTCAGTCGTGTTGAGGCTGAGAAACATGGTTTAAATGAGTCAGAGGCTGGCCAC
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C
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CACCTAGGACAGGGACGTGAGTGAAGGTCTGCTGGAGCAGAGAACTGACACTGACAAGA
AGAACGAGAATGAGAAACCCTGCGACGAGTCTGCTGACAGCTGATATAAGTCTGCAAAT
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>SEQUENCE:3799:prostate_MPM2000-004P4Novel007_8Table3

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TCTGGTCACAAGCAAGCCTGCAGAAGATCCAGTGGCCTTCCAGTTGACTTATACAGCCT
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>SEQUENCE:3800:prostate_MPM2000-004P4Novel007_8Table3

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TTATTTAAACCAATTATTTAATAAGAGTAAAAATATGTGAATCTGGATATATTTAAAAAA
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>SEQUENCE:3801:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3803:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3804:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3805:prostate_MPM2000-004P4Novel007_8Table3

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GCTCAAGTGATCCTCCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCTTCTGAACCA
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ACTTGCTGGCTATTTTTTCTGTCCAAGTTCTCAGTAACTTCGGCCTGTGTAGTCAGTGGT
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>SEQUENCE:3809:prostate_MPM2000-004P4Novel007_8Table3

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GCTGAGAAGGTGGGGTCTGATCTGATAGGATTCTTGTCCTTATAAGAAGAGCCACCAGA
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>SEQUENCE:3810:prostate_MPM2000-004P4Novel007_8Table3

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AGATCTGAATTCGGCTGAAGCCTTTACCACACTCATCACATTTATATGGTTTCTCTCTG
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>SEQUENCE:3811:prostate_MPM2000-004P4Novel007_8Table3

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ATCTATAGAGCAATGAAAATGCAAGAGCAATAGCTATGGGCACCAAATGGTCAATCTTCT
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>SEQUENCE:3812:prostate_MPM2000-004P4Novel007_8Table3

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TTCAGAACTACTACAATTCTAAGCAAATTCCCATTCACGAAGTCTGCCCATATGCGAC

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CTTCTCTTTTTTAAACATATACATCTTAAAAACAAATATATAAAAAATTCTTATTTTGC
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>SEQUENCE:3813:prostate_MPM2000-004P4Novel007_8Table3
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C
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>SEQUENCE:3815:prostate_MPM2000-004P4Novel007_8Table3
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>SEQUENCE:3817:prostate_MPM2000-004P4Novel007_8Table3
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GCATACATTCTGCTATGAAAGGAACCAAACTCAAATCTTGATTCTGGGTGTATTTTTTG
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>SEQUENCE:3819:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3820:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3821:prostate_MPM2000-004P4Novel007_8Table3

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CCCTATTCATACCTTGTTCCATTTCTGTCTCACATGACACAGCCATCTTCCATGCTTAT
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>SEQUENCE:3822:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3823:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3824:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3825:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3826:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3827:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3828:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3829:prostate_MPM2000-004P4Novel007_8Table3

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GTCATCATGAGCTTTTTCCAACCTCCTGATGAAAAGGAAGGAACCTCATTCCCTTGGTGGTG
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GATGTGATCCTTGATCGNNNAAAAAAAAAAAAAAAAAAAAAAAAAAGTACCTCGGCCGCTCT
AGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC
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>SEQUENCE:3830:prostate_MPM2000-004P4Novel007_8Table3

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TGAAGGCTACTATTAATATGCAGACTTACTTTTAATCATTTGAATATCTGAACTCATTTA
CTATTTCTTGCCAATTACTCACTTGGGTATTTACTGCGTAATCTGGAACATTTAGCTAAA
ATATACACTTTTGGCTTAAAAATTATTGCTGTCAATTCCAATAATAATTCTTAGCTTATA
ACCAAAGAGCAGTGTTTAAAAGGAGAGCTTCTATACAAAACCTATTCCTGGCGTTACTTT
TCATACAATTTTGTCTGTTTACCTGGAAATAATTTACCAAATAACTGAGTGTTGCT
GCTAAAGAACAAAAGTGGGGAGGTATCAGGGAACAAGAAAACAAGAAAGGGTATGATCAA
TCATTTTCTTCTGCTCCAAACAGCTGGAGTAAATTCATGGGAAATGGCCCTTCATTTAA
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>SEQUENCE:3831:prostate_MPM2000-004P4Novel007_8Table3

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GCTTTCTTCCAAACAGTGTAATAATACCCACAATTCCAAGTATGAAGGGACACAGACGATC
TCCTTTGAAATTCACAGGACAATACAGGCGCCCCAGCTGTTCTTCATAGAGCGACAGTG
CTTCTGTCAGATTGACACAGTTCCCCTAAATCAAAGAGAGATAAGCAAATGGGATTCTTG
AGTCCTTCCAAGGGCCCCACTCATCTGAAGGTCTTTAATAAAGGAGAACAAATTCTAGCTT
TAGATAAAAGTTCATCTTTAAAACAAGATAAGGCTTCTGTATTTTCACAAATCACACTG
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>SEQUENCE:3832:prostate_MPM2000-004P4Novel007_8Table3

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TTCCAAAGGAATTTTTCACGCCATTATATACACTTCATGAGAAAGTTTCAAACACTTT
CTCAATGATCACGAGTTACCAAGAAAATAAAAGATTAAATTTGTACTTTTTTTTTTTTTT
TTTTTTGTAAGTGAAGCTTTATCTGGAGTGGGGAGGGGGGNNNTGTNNNNCAGNNTGGGG
CACCCAAAGACAACCATGCTCTCGGTGAAGGCGCCGAGGTCCTGGCATTGTTTCTGGTTC
TCTTCGGCTTGGCATTCTGCTCCTCAGGCCAGTGCTCCACCCAAGTGTCCTTCCCGATG
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>SEQUENCE:3833:prostate_MPM2000-004P4Novel007_8Table3

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GGTCATTGCTATGTTGCCAGGCTGGCCTTGAAGTCCAGGGCTTAAGTGATCCTCCTGCC
TTGGCCTCCCAAAGTGCTGGTGTTACAGGTGTGAGCCACCACACCTGGCCAACATGTGGC
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AGCTGGTAGAGGGCATTACCTCCCCCACCCTCAAGAACTTCTTGGAAGTTACACACAA
TACATAAACTTCAATTTAAACAGTTGCTTGGTCCCACTAGCCATGAAGCTGGAGGNGACG
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CTTGGCCCATTTAGGACACTTTCTTTTGGACGCTTCCAGAGAACTTTAGAAAAGGTACTA
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TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTAC
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AATCCTGGAAGTGGACTACAAAGGGAATAGACAGGGTGTGGCAGGAGGGGGTTCCTCACG
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AACTTAGGGCAGATGTGTCAATATATTTCCAAGTTTAGCATAATATAGGTATAAAAATTA
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>SEQUENCE:3837:prostate_MPM2000-004P4Novel007_8Table3

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TGAAATTCCATCTCAAAAAACAAAAACAGATTGACAACAAAGACAGTTTCAGAAAATGAC
AGGACTGGGCAAATTAACAAAATGTTTGTAACATGGAATGTTTCAGGAACTACTGATGTA
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GGCTGGAGTGCGGCCTCACATGGTAAAGTAAGCTGGCCTTTCTTATTTGTACCTGGAAA
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>SEQUENCE:3839:prostate_MPM2000-004P4Novel007_8Table3

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ATAAAATTCATTTTTCTTTCTTTAAAAAAGAAAAGCCAGTGTCTTGCTCTGTGGCCAG
CTGGAGTGCAGTGGTGGGGTCATAGCTCGCCGCAGTCTCAAACCTGGGCTCAGCCAGGTG
CCATTGCACCCTTTTTAAAAATGTTTATTGATACAGCCTCCCTATGTTTCCCAGACTGAT
CTCAAACCTCCTGGCCTCAAGCAATCCTCCTGCCTCAGCCTCCCAAAGTGCTGGGACTACA
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CCTCCCAAAGTGCTGGGATTACAGGCATAAGCCATTGTGCCTGGCCCTCTTGGTAATTTT
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TGGAGTTAAGTCCATTACCCCTCTACCACTGCAAAATCCCATTACATTTGTCTATATACC
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GGGGGAGGTTGCCGTGAGCTGAGCTTGACCATTCGACTCCAGCCTGGGCGACAAGAGTG
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>SEQUENCE:3842:prostate_MPM2000-004P4Novel007_8Table3

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AAGTGACTATATCATGACCACATTTCAAATGCGGAATATATGAGCTACTAGAAAAGACAT
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CCTCTAAGTCAATGGAATGAAGAGCTGTGTCCAGGGACACACCACGCCGTGCTGAAGGAG
ACTGCTGTTGTGTCCACCTCTTATTCATAGACCCAGTCATGAGCACAAGACTTGTAGTCA
ACCAGTTCTTCAGGCTTAAACCACCCGCGTACTGGAAGCAGGAGGGAGCCCTGGCTAGGG
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GAACTTGAGTTGAGAGCTACACACAATATTATTGTTTTCCGAGCATCACAAACACCCCTCT
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AGCACCAACTTTTCCAAAAAAGGGTACTCCCAACTGTGGTCCGCG
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NNCTTATTAGGAAAGGGAGGTTTGAGGTAACAACAGAGACCTTTCACTATATTTNTGCTT
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ANNTTTAAGTCCCTATTTTAGGGAGAATAAAAACANNCTTTGGGGACCTGGTTANNAAG
TCCCCCAGAACTACCAATAAAGAACANNACTTTTGTTTTAACCTCTTAATCANCTTTGT
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CATGAGTTGCCACACCTGGCTGCATGCCGAATACTTTAGAGTTGTTTATGCCTGACACTT
CCAGGGCATGCAGAACTATGGTGGCATTAACCGACACATTAACCAACTGCCTCACTTACT

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TTTCTTTTGACTCAGTTTATAAATTTTCTTAATTTAAATTTTAAATTTCAACATGTATACA
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>SEQUENCE:3849:prostate_MPM2000-004P4Novel007_8Table3
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TTTGTGTTTACAGTATATGAAAATATGGAGTAATTTAAACAGTAAATAAACATTCTGTGG
ATGCTTATTTTTGTATTGACAAAGTATCAATTAACCTATATGTGTTCTTTTTCAAAAATG
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ACTAGGTTTTCAAAGATCTTGTACCTCGGCCGCTCTAGAAGTGGATCCCCCGGGCTGC
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TGAGTAGCTGGGACTACAGGCACGTGCCACTGTGGCCAGCCTCTGACTCATTTAAACCAT
GTTTCTCAGCCTCAACACGACTGACATTTGGGACAGGGTAACACATTGTGAGATGTTTAG
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CCATCACACCCTCCTGCACAATGGTTATTGGCTTGCTGGCTGATTCATGTGGGAGAGTC
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CTGGTTCCTACAGACTTTCTTCTTTGGGATAGCATCTCTCACCATCTTGATTGCTTACAA
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>SEQUENCE:3858:prostate_MPM2000-004P4Novel007_8Table3

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GCGGCCGCTAGACTAGTCTAGAGAAAAACCTGCCACACCTGCCCTGAACCTGAAACAT
AAAATGAATGCAATTGACGTTGGTAACCTTGTATATTGCAGCTTATAATGGTTACTAATAA
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>SEQUENCE:3859:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3860:prostate_MPM2000-004P4Novel007_8Table3

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TTTGAAAATTTATATTCAATGTAATTTTTGTTGAGGCCTTTATTGGAAAAAAATTGTAC
CATTTTTTTGAGGAAGAAAAACACATAATGTGAACAGAGCTATAACTGCTGAATTAAAGA
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>SEQUENCE:3862:prostate_MPM2000-004P4Novel007_8Table3

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>SEQUENCE:3863:prostate_MPM2000-004P4Novel007_8Table3
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GGTGAAGATGAATTCTCTTACGGTTTCGATGGACGAGGACTCAAGGCAGAAAATGGACAA
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>SEQUENCE:3864:prostate_MPM2000-004P4Novel007_8Table3
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GTGAATATAGGTTCTGCTTTAAGAATGTGGAAATCCATTGCTTTATATACTAATATAC
ACACAGATTAATTAATAATTGTGAGAAATAATTCACACATGACAAGTAGGTAACATGCATG
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ATA

>SEQUENCE:3866:prostate_MPM2000-004P4Novel007_8Table3
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AATACTTTTAGCAGTCTTATTTTATTTTCAAAGAGATCTTCTTATTCTCAGTCTTCTCTT
TCTTTTCTTGCTTTTTAAGAGACAGGGTCTCACTCTGTCCCCCAGGCTGGAGTGCAGTGG
CACCATCATGGCTCACTGAAGCCTTGAAGTCTGCTGGGCTCAAGTGATCTTCCCACTTCAGC
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>SEQUENCE:3867:prostate_MPM2000-004P4Novel007_8Table3
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GGACTCAAGTAATCCACCTGCCTCAGTCTCACACAGTGCTGGGATTACAGGTGTGAGCCC
TGGCACCCGGCCTGCAGGCACCTTTTTATGGAATTGTATTACATGTATAGTAGGGACATTG
CCATCTTGGCATGTCTATTTATTCAGGTTTATTTTGTGTCTGTGCGGAAGTGTTTAAAGT
TTCTCCTATGAAGGTATTGCATATCTCTTGTGAAGTTTATTCCTAGGTGTTTTATTTT
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>SEQUENCE:3868:prostate_MPM2000-004P4Novel007_8Table3
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ATGGAAAGTTTGGGTTTTCTTTTGATTGAGTCCAGGAAGTCAGCATTAAATCACCTTA
GGTTTCTTGCTCCATACCCTGTTCTCATACCTCATTTCCCCCGAAAGACATGATCCTC
ATAAATCTTTATGGGAGGTAAAGGGATTGATAGTCTTTCTTCTGTAAGTCTTTATGCTG
ACCTGAGGCACAGTCCCTACGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG
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CTTTTGTCT

>SEQUENCE:3869:prostate_MPM2000-004P4Novel007_8Table3
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TAGCTAAAACATTTCCCTGATCTAAAGAAAAAGATGGCAAAA

>SEQUENCE:3870:prostate_MPM2000-004P4Novel007_8Table3
GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACAAAAA
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AATAAGATTACCAAAAAGTAAAAATTCAATTTTACAATATACATTTTTTTTTTAACTAT
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TGGTTTTTGAAGGCTCTTAATTATTGGCTGGGCATGGTGACTCATGCCTGTAATCCCGGC
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>SEQUENCE:3871:prostate_MPM2000-004P4Novel007_8Table3

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CAACGTCTCTGATGCGGTGGCTCAGAGCACCCGTATCATTTATGGAGGCTCTGTGACTGG
GGCAACCTGCAAGGAGCTGGCCAGCCAGCCTGATGTGGATGGCTTCCTTGTGGGTGGTGC
TTCCCTCAAGCCCGAATTCGTGGACATCATCAATGCCAAACAATGAGCCCCATCCATCTT
CCCTACCCTTCCTGCCAAGCCAGGGACTAAGCAGCCCAGAAGCCCAGTAAGTGCCTTTTC
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>SEQUENCE:3872:prostate_MPM2000-004P4Novel007_8Table3

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GGCTATTTCCCAAGCTGGGGAATTTGAGAACACACGGGCAGAGTTCACGCCACACAATA
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AAGGCAGTGCGGCAAGGCTCCCGGGATCCTTACAGGCATCCAAGCGAGGTACCTCGGCCG
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT
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>SEQUENCE:3873:prostate_MPM2000-004P4Novel007_8Table3

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TACAGCATTAAAATGTGTTTCAGCATGAAATATTAGCTACAGGGAAAGCTAAATAAATTA
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TGGAGAAACTCTGAAGGGTTTTAAGTATCTTACCTGAAGCTACAGACTCCATAACCTCTC
TTTACAGGGAGCTCCTGCAGCCCCTACAGAAATGAGTGGCTGAGATTCTTGATTGCATAG
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>SEQUENCE:3874:prostate_MPM2000-004P4Novel007_8Table3

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GCAGTGGCAGGCACATCATATGGTGAAAGTGGGAACAAGAGAGGGTGGAGGTGCCACACA
CTTTTAAACAACCAGGTCAGGTGTGAACTCACTCATCGCCAAGAAGACGGCACTAAGCCA
TTCATGAGGGATCCGTCCTGTCCCATGATCAAAACACCTCCCACCAGGCCCCACCTCTG
ACACTGGGGATCACATTTCAACATGAGATTTGGAGGGGACAAATATCCAAAACATATCAA
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>SEQUENCE:3875:prostate_MPM2000-004P4Novel007_8Table3

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CCTGAGTAGCTGGGATTACAGGCACCCATCACCATGTCCAGCTAATTTTTGTATTTTGTAG
TAGAGACAGGGTTTTCCCATGTTGGCCAGGCTGGTCTCGATCTCCTGACCTCAAATGATC
CGCCACCTCGGCCTCCCAAAGTGCTGGGATGACAGTTGTGAGCCACCACACTCAGCCTG
CTCTTTCTAATATTTGAACTTGTTAGACAATTTGCTACCCATCTAATGTGATATTTTGTAG
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>SEQUENCE:3876:prostate_MPM2000-004P4Novel007_8Table3

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CCAGGTCTCATATGCAAAAACATGGCTACTGATTAGGGAACAATGGGACCTTGAGACTAG
GAATAGGAACATCAGGATTGATTTGGATAGATCTGAGCACCTAAACCCCAACCTCACT
GAGTTTCCCCTGGCAGCAGAAGCAGCCCTTTTTCCCAGTCTATGGGGCTGGTCCTGCCT
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>SEQUENCE:3877:prostate_MPM2000-004P4Novel007_8Table3

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ACATTAGAATGTGATCTTACTTGGTATTACTTGGTATAGGGTGTGTAGAAATAATCAAA
TAAAGATGAGGTCATACTGCATCAGGGTAGACCCTAAATTCAATGACCAGGATTTTTATA
AGTGAAAGGAGAGGCGGATTGAGAGAAAAAGACACAGACACACAGAGAGAAGACAGCC
ATGTGAAGACACAAGCATAAATTGAAGTGACACAGCTACAAGCCAAGGAATGCCAAAAAT
TGCTGGTAACCACCANAAGTAGGAAGAGGCAAAGGGGAGTTTTTTTCCAGAGACCTTGGC
GGGAGCATGGCCATGCCAACAACTTGATATCAGACTTGTAAATCCCTACATCTATGGCAGA
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>SEQUENCE:3878:prostate_MPM2000-004P4Novel007_8Table3

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CTACAGAAAAAATGGAGACTTTTAGTCCATCACCTTGTGTCTATTCTTCATGCTAAAT
ATTTTTTAAGATTTTGTATACAAAACATTTGAAAATTTGTTCAACCCTTTATTTTAT

>SEQUENCE:3879:prostate_MPM2000-004P4Novel007_8Table3

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TTTAATGCACTCCTCTTTGTAATTTCAATCAAGCCATTTGTCTAAAGTCATTTCTTTGTT
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>SEQUENCE:3880:prostate_MPM2000-004P4Novel007_8Table3

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CGATACTTTTGGACATATATCCAGTAGTGGGACTGCTGGATCATATAGAAGTTCTATTTT
TAGTTTTCTCACAAACCTCCATACTGTTTTCCATAATGGCTAAACTAATTTACATTCCTA
CCAACAGTATATATAAGTCCCTCTTCTCTGCGTCTTTGCCAGCATTGTATTATTTTGTG
TTTTTGATAATAGCCAGTCTAACTGAAGTGTCAATGGAGAACTCCAGCTGGGCCCAGAGA
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>SEQUENCE:3881:prostate_MPM2000-004P4Novel007_8Table3

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GAAAGTGTCTTTCTAAGGCAACTGTGAAACCTCCAAAACAGGAACTTCTTTATAACAAGA
ACATTCTAAAAAAGGGTCAGTATATGCTTGACTGGGCCTTAAACCCATGGTTTTTCTAGA
ACACCAATGTTTAAATACTTGGCGTTTTTGGCGTGAAAAGCGTTGTTTGTATTGGAATA
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>SEQUENCE:3882:prostate_MPM2000-004P4Novel007_8Table3

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TCCATTTTGATTCTGAGGTTACTCTACTAACAAGCATCACATATTTGTATTTTGCCCTGA
TTAATATGTTGGCTTCGCTTTCAGGGTTTTTAATGACCACAACAAGCAAGCATGCAGCTT
ACTGCTTGAAAGGTGAGGATTGGAAATGTTGGGACTATTATAATTGCAGAATACATGATG
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CTGCATTCCCATGTAGCATTTTAATTGAAGTCTGTAAATGTGGCTAAAAGTCTTGTCTTA
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>SEQUENCE:3883:prostate_MPM2000-004P4Novel007_8Table3

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CCAGGTCTCATATGCAAAAACATGGCTACTGATTAGGGAACAATGGGACCTTGAGACTAG
GAATAGGAACATCAGGATTGATTTGGATAGATCTGAGCACCTAAACCCCAACCCTCACT
GAGTTTCCCCTGGCAGCAGAAGCAGCCCTTTTTCCCAGTCTATGGGGCTGGTCCTGCCT
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>SEQUENCE:3884:prostate_MPM2000-004P4Novel007_8Table3

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GTGCCGTTTTCTCTGGAAGCCTCTTAAAAGAAGAACACAGTGGCGCAGGCTGGGTGGAGC
CCTCCCCCATGAAGTACCTCGGCCGCTCTAAACTAGTGGATCCCCCGGGCTGCAGGAA
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>SEQUENCE:3885:prostate_MPM2000-004P4Novel007_8Table3

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ACCTGAGGCCAGAAGTTTGAGAGCAGCCTGAGCAACATAGTAAGATGCTGTCTTTATTTA
AAAAAAAAGATCTTCTAGAGAGATCTAGTAAAATATTTTATAGATGATACAATTGGATTC
TAAGGTTGGTTTCAGAATCATCTTGGGGAGAAGATGGGCAGGAATGTACTAGAGGTAAGT
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>SEQUENCE:3886:prostate_MPM2000-004P4Novel007_8Table3

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AAGTTGGATATAAATGTCAAGCAGGTGATCAACCACTGCCAATAGGCTAGGATATCTGCT
CTGAAGAACCTCATTGAGTTCTCTCTTGTCCAGGTTATCCAGGTGAATTTTGGTCCAATA
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>SEQUENCE:3887:prostate_MPM2000-004P4Novel007_8Table3

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CTCCTGAGTAGCTGGGACCACAGGAGTGCACAATTACACTCGGCTAATTTTTGTAGTTT
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>SEQUENCE:3888:prostate_MPM2000-004P4Novel007_8Table3

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GATACACATTGTTTGGATTTTTAAAACTCTATTAAATGTTTAAGTGGTTGTGAATATGA
GGAATAATTAAATGTTAACCCAGCTGATTAGTGAACATATAAGAAAATGGGGGGAAGTGA
ATCCCAAAGATCTTCTCTTCTAAGGAGAACTTCACTTGAGGGGCAACACTAGAAGATA
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>SEQUENCE:3889:prostate_MPM2000-004P4Novel007_8Table3

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CGTTTTTGACAGTAACAGAATTCTAGGTTGCAGGGTTTGTGTTTATTTTCATTAAGGAAT
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>SEQUENCE:3890:prostate_MPM2000-004P4Novel007_8Table3

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ATGAATAAATTAATAATTAATATACATAAAAGTCACAGGGAACCTTTTAAAATTCAGTTC
CCCAGGACTAGAGAACTGCAGTGGATCTGGAGAGGCCAAGGACCTAGAGTGATAACAAGC
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>SEQUENCE:3891:prostate_MPM2000-004P4Novel007_8Table3

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AACATATCAGTTGCAAAGTTCCTAATGTGTATTTTTAAAGCACAT/.TCTGAATAAATTGC
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CACCTATTGTATGACCAAATAAAGGTTATGCTGCTTGTTTTTCTTTTGTGCCTTTGTTA
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>SEQUENCE:3892:prostate_MPM2000-004P4Novel007_8Table3

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CTCAAGGGATCTTTCTTCCACAGCCTCCTTAAGTGCTAGGATTATATGCATGATACACCA
TGCCTATTGTAGAGTATTACATTATTTCAAAGTCTTATTCTAAGAGCCATTTATTGCCT
TTGGCCTAAATAACTCAATATAATATCTCTGAACTTTTTTTGACAAATTTTGGGGCATG
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>SEQUENCE:3893:prostate_MPM2000-004P4Novel007_8Table3

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TGATATTGATTGATAGGTATTGGCTGATTTTATTAGGGTTCTCTAGAAGGACAGAACTAA
TAAGATATACGTATATATAAAGGGGAATTTATTAAGGAGGATTGACTCACACTATCACAA
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>SEQUENCE:3894:prostate_MPM2000-004P4Novel007_8Table3

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ACTTTGGGAAGGCCAAGGCAGGAGGATCACTTGAGGCCAGGAGTTCAAGACCAGCCTAGG
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>SEQUENCE:3895:prostate_MPM2000-004P4Novel007_8Table3

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TATCTGTAAAAGGTATTTAATCCTAAAACATACTTACCTAGAGAATAATTAACAGAAAT
TCAATACAATCTAGTATCTATTAGGAAATTAAGAGTTATCACTTCTAAAAGTCATTTGAA
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CTGCTCTTTCTTTATTCCATTTTAATCAATGAATATTGATTTAAAGTTTTCTTTCTATT
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>SEQUENCE:3896:prostate_MPM2000-004P4Novel007_8Table3

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GGAGCACAGGCCTTCAGGTCTGTAGCCCATCAGCTGAGCCTTCGCATCAGCTCCTAGAAC
AGTGCCTGGCTTAGAGCAACACCCAGAAATCATTGTTAAATGAAATTATCCACAAGGGAG
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>SEQUENCE:3897:prostate_MPM2000-004P4Novel007_8Table3

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GAAAATTACACATACAATAGGAATTCTCTATAATTCCCAAGGACAGGCCATAATTGAAAG
AACTAATAGAACTCAAAGCTCAATTGGTTAAACAAAAAAGGAAAAGACAGGAGTATA
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>SEQUENCE:3898:prostate_MPM2000-004P4Novel007_8Table3

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GGGCAAAACTGTATATCCACACAGGACTGTTAGACTCCTAGCCAATAAAATCAGACTAAG
TCCATAGGGATAAGGTAAGTGTAATAAATTTCCATTGGGGAAGACAGGGCTCATGGCCC
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ATGGTGTGAAGGAATTCCCCTGTAGGTATGCCATACTTCAGTCTCTTAAGAAGCTGATTA
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>SEQUENCE:3899:prostate_MPM2000-004P4Novel007_8Table3

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